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Air Force Aerospace Medicine Enterprise Ambulatory Medical Care Survey

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Technical Report

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Air Force Aerospace Medicine Enterprise Ambulatory Medical Care Survey

Abstract

Objectives—This report describes the patient population and the broad range of health care services delivered in the permanent, continuously operating US Air Force Flight and Operational Medicine Clinics (FOMC). This report includes information regarding patient characteristics, services provided, clinic utilization, and trend estimates.

Methods—A cross sectional analysis was performed on the retrospective cohort of patients who received care at a FOMC during the period 2003-2012. Patient demographic and healthcare data were obtained from the Military Health System (MHS) data Mart (M2).

Results—A total of 714,157 patients, comprising 4,829,626 encounters were included in the cohort. Combined, the 77 FOMCs included served an average of 180,996 patients annually across 11 major commands. Overall these patients were majority male (71.0%), and USAF service members or their dependents (80.6%). The largest age categories were 18- to 25-year-olds (45.0%), followed by 31- to 40-year-olds (20.7%). Acute visits were the most common type of health encounter, accounting for 33.6% of all encounters across the study period. The two most common primary diagnoses over the study period were Administrative/social admissions (489,182), followed by ICD-9 V70.5 Aviation Exams (486,341). The most common procedure was for ophthalmologic and otologic treatment, accounting for 65.8% of all procedures across the study period. The number of annual health encounters declined noticeably among USAF dependents and retirees over the course of the study period. Trend analysis revealed nine subpopulations that exhibited an increase or decrease in visits per year of at least 25% from 2003 to 2012.

Keywords: ambulatory medical care • flight medicine • aerospace medicine • utilization • health care • Air Force

Introduction

The planning and management of health care delivery is becoming increasingly complex as the scientific basis for health care has grown. Complexity also arises from the multiplicity of decision makers involved, directly or indirectly, in health services

delivery. Decisions about whether to seek health care are made by individual persons; the health care provider makes choices about diagnostic and treatment options, and, ultimately, the patient is expected to choose provider recommendations based on their personal preferences and to adhere to the prescribed regimen. In the broader context of health care systems, managers and policy makers influence budget and staffing decisions that affect availability of services (1).

In a perfect world, all decision makers would have access to complete information and could use this information to make optimal choices. Health services research is the field of inquiry that provides such information to patients, providers, managers, policy makers, and researchers on the effectiveness of health care organization, patterns of service use, quality of care, health outcomes, and costs of care (2). Thus, health services research presents the framework for describing health care management problems to which epidemiological methods can be applied (1). Epidemiology, in turn, provides the critical information, investigative methods, and tools for evaluation. In particular, epidemiology focuses attention on the population and those at risk—concepts that are central to the growing emphasis on population-based medicine that addresses individual and community level health care needs (1).

The purpose of the Air Force Aerospace Medicine Enterprise Ambulatory Medical Care Survey (AF-AME-AMCS) was to gather, analyze, and disseminate information about the in-garrison health care provided by the Air Force Medical Service's Aerospace Medicine Enterprise (AME). Ambulatory medical care in Flight and Operational Medicine Clinics (FOMCs) is the largest and most widely used segment of the AME-related health care system. AME providers deliver a variety of health care services ranging from primary care for special duty personnel and associated beneficiaries to occupational medicine services for the local installation and pre-employment placement exams for the Defense Department. This report describes care delivered in the permanent, continuously operating FOMCs and includes visits for the full spectrum of health care services delivered by employed providers.

The AF-AME-AMCS utilized centralized medical databases to analyze the cohort of FOMC patients seen during the period from 2003-2012. This report provides information on the following questions:

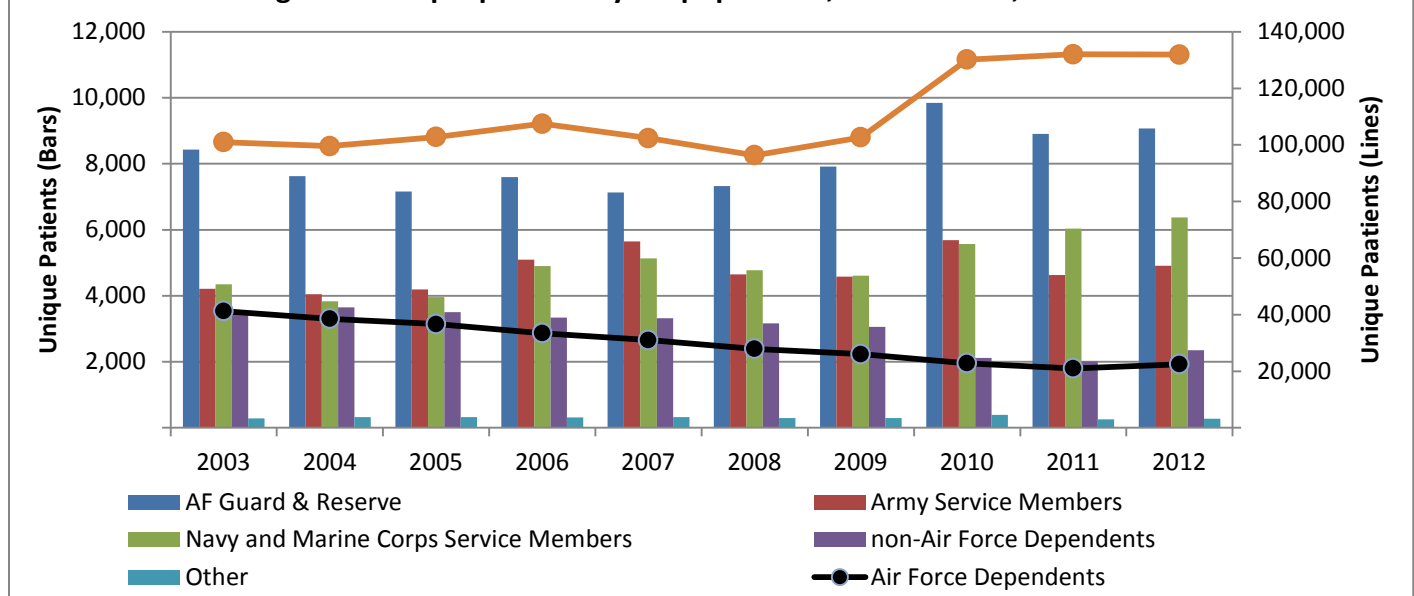
- Who is accessing health care services through FOMCs?
- What health care services are being provided in FOMCs?
- How often are individuals accessing health care services in FOMCs?

Highlights

Patient Population Characteristics

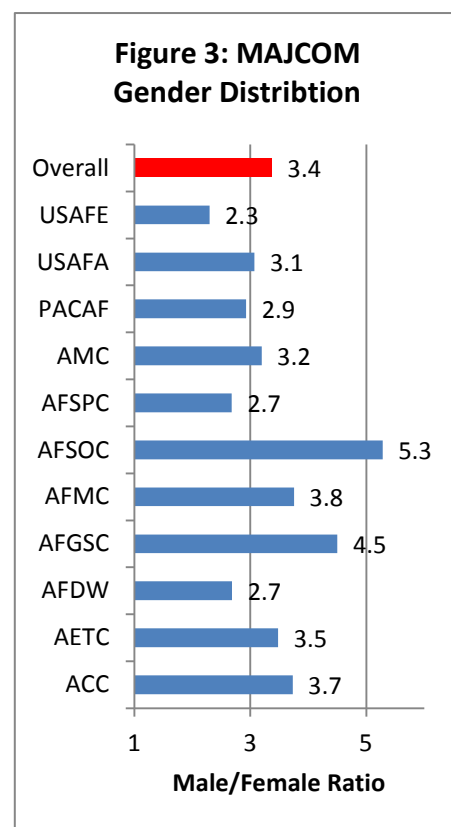
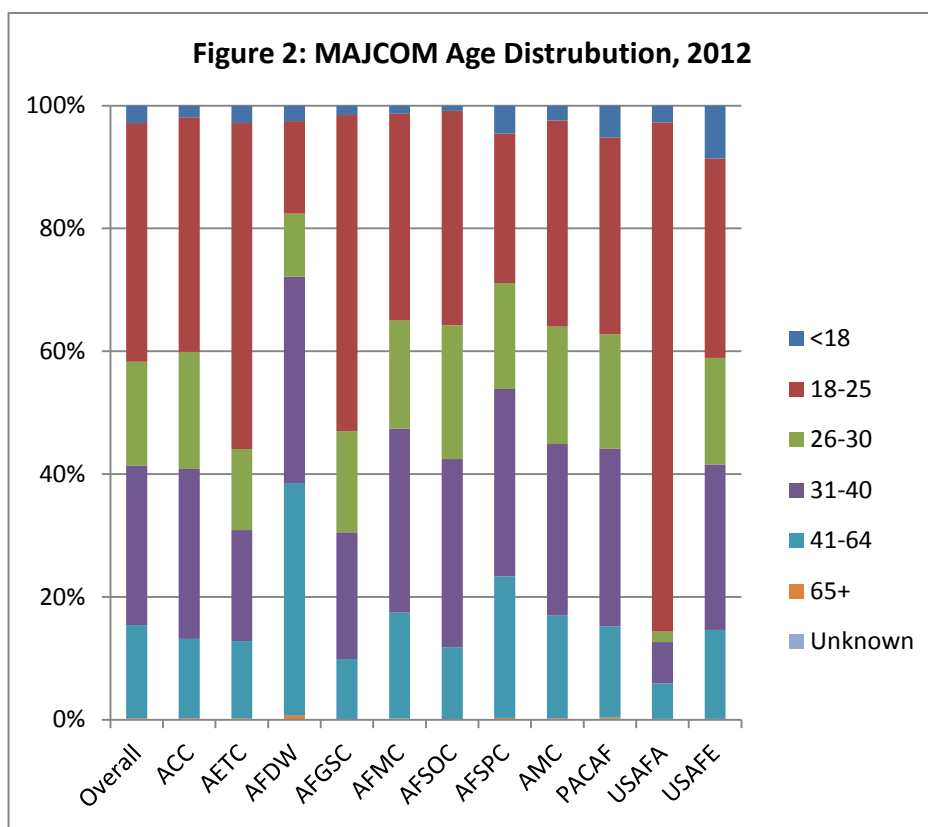
- A total of 5,408,806 health encounters for 743,995 individuals were extracted from MHS medical records. Based on study exclusion criteria (see Methods), data describing 4,829,626 encounters in a study population of 714,157 individuals were analyzed. Demographic analysis ([Table 1](#)) revealed that the study population was mostly male (71.0%), and either USAF service members or their dependents, retirees, or family members of retirees (80.6%). The largest age category in the study population was 18- to 25-year-olds (45.0%), followed by 31- to 40-year-olds (20.7%).
- US service members ([Table 2](#)) accounted for 70.2% (501,230 individuals) of the overall study population. USAF service members accounted for 87.6% of the service member population. Among the total USAF Active Duty population (405,897 individuals; [Table 3](#)), the largest career area category (excluding “Other”; Appendix 2) was logistics (105,762 individuals, 26.1% of USAF Active Duty), followed by support (62,592 individuals, 15.4% of USAF Active Duty) (Appendix 2 and 3). USAF Reserve and US Air National Guard ([Table 4](#)) accounted for 6.6% of the overall service member population (33,191 individuals). The Reserve and National Guard population was older and had a higher proportion of field grade officers compared to USAF Active Duty.
- Taken together, members of US Army ([Table 5](#)), Navy and Marine Corps ([Table 6](#)) and Other services ([Table 7](#)) accounted for 12.4% of the service member population.
- Dependents and retirees ([Table 8](#) & [9](#)) accounted for 21.3% (152,126 individuals) of the study population. Most of this population (132,589 individuals, 87.2%) were USAF beneficiaries ([Table 8](#)), however this population declined on an annual basis over the course of the study period (Figure 1).
- Less than one-tenth (8.5%) of the study population was comprised of individuals (60,801) who were not US military service members, dependents or retirees ([Table 10](#)). The majority of these individuals were civilian federal employees and their family members (34.3%), patients not elsewhere classified (29.7%), NATO military (12.0%), and International Military Education and Training (IMET) students (7.6%) (data not shown).

Figure 1: Unique patients by subpopulation, USAF FOMCs, 2003-2012



Patient Population Characteristics by AF Organization

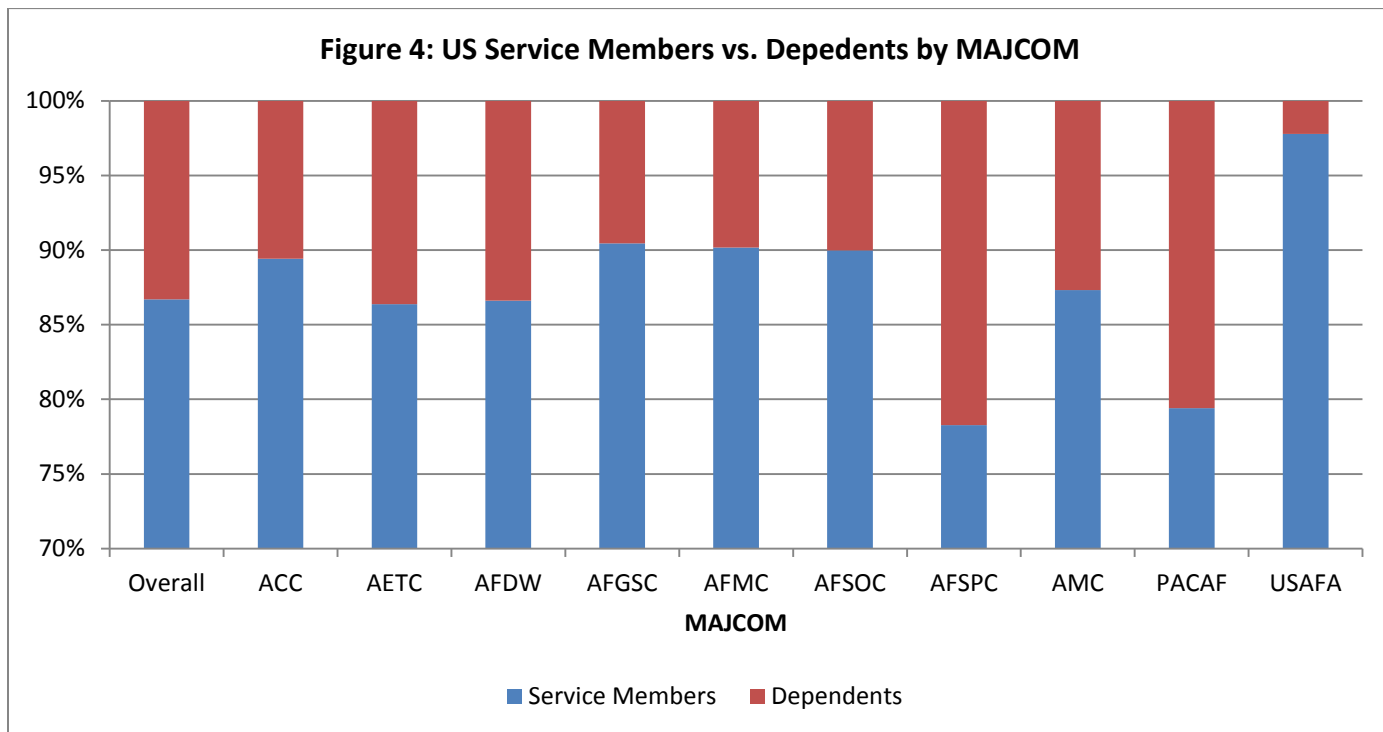
- During 2012, most of the 11 MAJCOMs exhibited similar demographic profiles ([Table 11](#)), with a few notable exceptions.^{1,2}
- The USAFA, AETC and AFGSC care populations were relatively younger, as the proportions of 18- to 25-year-olds in these MAJCOMs were 82.9%, 53.1% and 51.6%, respectively, compared to 38.8% for the overall study population ([Table 11](#)). Additionally for USAFA, the proportions of 26- to 30-year-olds and 31-to 40-year-olds were 1.7% and 6.7%, respectively compared to 16.9% and 26.0% in the overall study population.
- The AFDW and AFSPC care population were relatively older, as the proportions of 18- to 25-year-olds were 15.0 and 24.3, respectively, compared to 38.8% for the overall study population. Additionally for AFDW and AFSPC, the proportions of 41- to 64-year-olds were 37.8% and 23.0%, respectively, compared to 15.2% for the entire study population ([Table 11](#), Figure 2).
- The overall gender distribution across all MAJCOMs in 2012 was 3.4/1 male/female (Figure 3). The highest proportion of males was at AFSOC (5.3/1 males/females). The highest proportion of females was at USAFE (2.3/1 males/females).



¹ Due to multicollinearity and the nested attribute of the variables, MAJCOM and clinic information were excluded from analysis of trend. For this reason, patient characteristics in 2012 were selected for discussion.

² See [Tables 12-22](#) for patient characteristics across the study period.

- Across MAJCOMs, the overall proportion of active duty individuals was 86.7% (excluding Other; Figure 4). The largest proportion of US service members was at USAFA (97.8%), while the largest proportion of dependents was at AFSPC (21.7%, Figure 4).
- In 2012, the proportion of US Army and US Navy/Marine Corps across all MAJCOMs was 3.3% and 3.7%, respectively ([Table 11](#)). The proportion of US Army was higher than average at AFSPC (10.7%). The proportion of US Navy/Marine Corps at PACAF and AFDW was 12.9% and 10.1%, respectively.

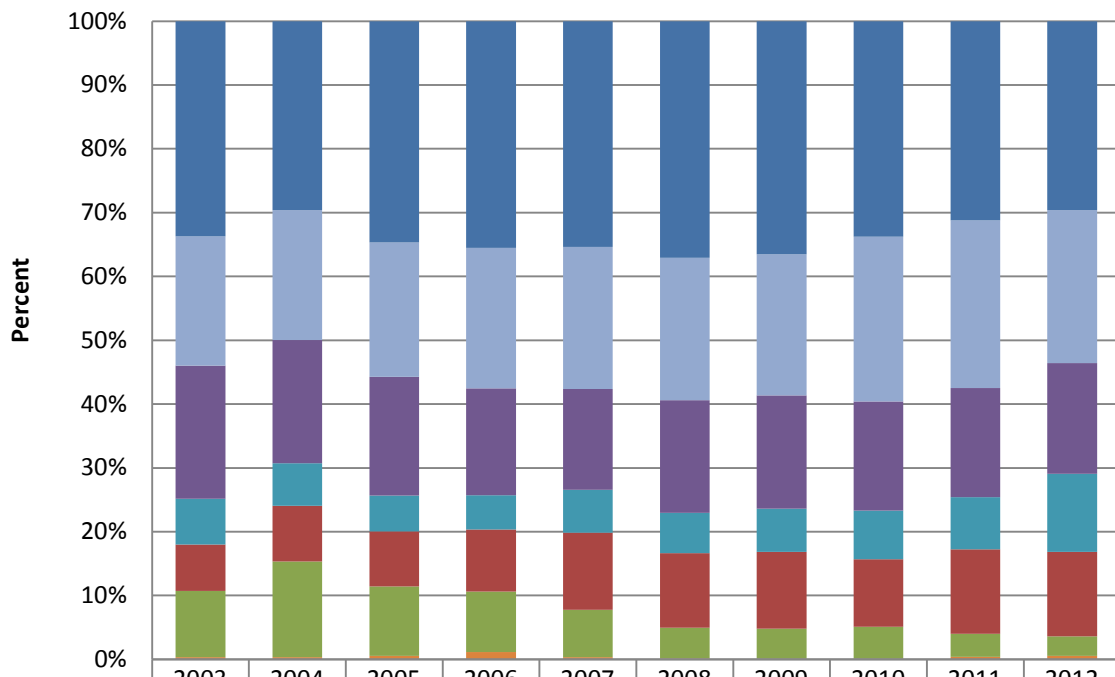


Health Care Services: Exams & Procedures

- Across 4,829,626 total health encounters captured within the FOMC system during the study period, 28.3% (1,367,702) were health exams coded as ICD-9 V70.5 primary diagnoses ([Table 23](#)).
- The relative frequencies of health encounter types remained relatively stable across the study period (Figure 5). **Acute** encounters were the most common, accounting for 33.6% of all encounters across the study

period. The annual proportion of acute encounters remained between 29.6% and 37.1% from 2003 to 2012. The second most common health encounter type was **Wellness**, which accounted for 22.7% of all health encounters across the study period. The highest annual proportion of wellness encounters was in 2011 (26.3%), while the lowest was in 2003 (20.2%). The highest annual proportion of the **Other** encounters was in 2004 (15.0%) while the lowest was in 2012 (3.1%).

Figure 5: Appointment Type by Year



- Across the study period, the annual number of encounters with a primary diagnosis of V70.5 increased from 107,322 encounters in 2003 up to 174,473 in 2012. The year with the highest number of encounters was in 2011 (181,183 encounters) ([Figure 10](#)).
- Despite the increase in the absolute number of exams over the study period, the relative frequencies of exams by service remained stable ([Figure 10](#)). The proportion of USAF exams ranged from a low of 87.6 in 2008 to a high of 91.4 in 2011; US Army from 2.2 in 2005 to 3.2 in 2010; and US Navy and Marine Corps from 2.3 in 2005 to 3.7 in 2008.
- The three most common ICD-9 V70.5 primary diagnosis categories were Aviation Exam (34.2%), Periodic Prevention Exam (26.3%), and Occupational Exam (16.3%), which together accounted for more than two-thirds of V70.5 health exams ([Table 23](#), Figure 6).
- The three most common non-V70.5 primary diagnoses were **Administrative/social admission** (489,182 diagnoses, 14.3%), **Other upper respiratory infections** (364,335 diagnoses, 10.6%) and **Medical examination/evaluation** (361,230 diagnoses, 10.4%) ([Table 23](#), Figure 7).

Figure 6: ICD-9 V70.5 Primary Diagnoses

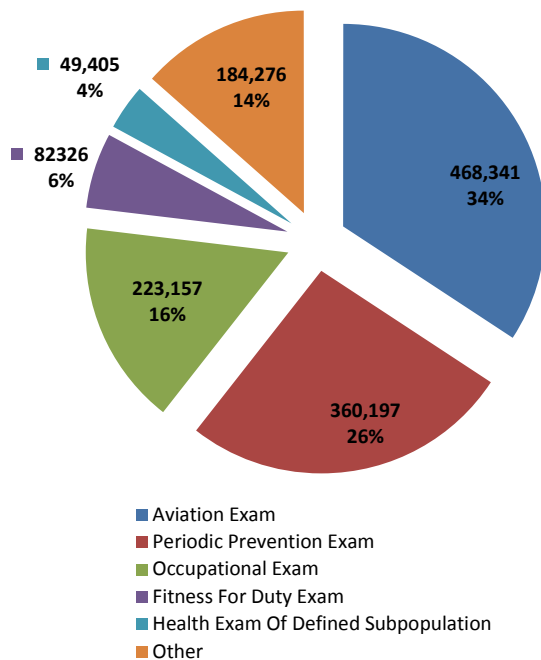
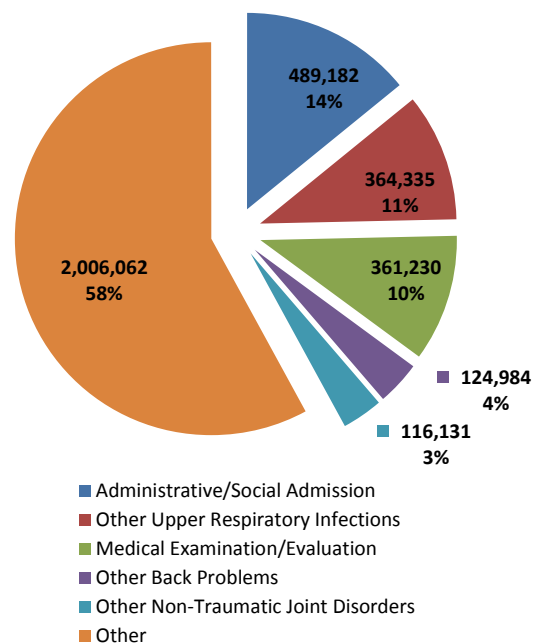


Figure 7: non-V70.5 Primary Diagnoses



- Across 1,593,445 total procedures captured in the FOMC system across the study period, 71.7% (1,143,188 procedures, [Table 24](#)) were performed as part of an ICD-9 V70.5 primary diagnosis encounter and 28.3% (450,257 procedures) were associated with a non-V70.5 primary diagnosis ([Table 25](#)). The largest procedure category³ was Ophthalmologic and otologic diagnosis and treatment, accounting for 65.8% of all procedures (1,047,629). The next four largest procedure categories were Electrocardiogram (105,377 procedures, 6.6%), Prophylactic vaccinations and inoculations (85,347 procedures, 5.4%), Ancillary Services (50,208 procedures, 3.2%) and Excision of skin lesion (45,001 procedures, 2.8%).
- Within the Ophthalmologic and otologic diagnosis and treatment procedure category, the most common procedure subcategories⁴ were **Pure Tone Audiometry** (321,796 procedures, 30.7%), **Visual Acuity Screening** (300,563 procedures, 28.7%;), **Visual Function Screening** (161,054 procedures, 15.4%), **Screening Test Pure Tone, Air Only** (107,551 procedures, 10.3%) and **Color Vision Examination** (79,568 procedures, 7.6%) ([Table 25](#)).
- Across encounters with V70.5 as a primary diagnosis, the largest procedure categories were **Ophthalmologic and otologic diagnosis and treatment** (976,746 procedures, 85.4%), **Electrocardiogram** (86,292 procedures, 7.6%), and **Other diagnostic procedures on lung and bronchus** (19,792 procedures, 1.7%). For encounters with non-V70.5 primary diagnoses the largest procedure categories were **Prophylactic vaccinations and inoculations** (78,873 procedures, 17.5%), **Ophthalmologic and otologic diagnosis and treatment** (70,883 procedures, 15.7%), and **Excision of skin lesion** (41,652 procedures, 9.3%) ([Table 25](#)).
- For all but three V70.5 primary diagnosis categories, the largest procedure category was **Ophthalmologic and otologic diagnosis and treatment**. **Prophylactic vaccinations and inoculations** was the largest procedure category for two primary diagnosis categories: **Pre-deployment Assessments** and **Initial Post-deployment Assessments**. **Laboratory – chemistry and hematology** was the largest procedure category associated with the **Deployment Health Reassessment** V70.5 primary diagnosis category ([Table 23](#)).
- For the non-V70.5 primary diagnosis category of **Administrative/social admission**, the largest procedure category was **Ancillary Services** (16,119 procedures, 60.2%). The most common procedure associated with the **Medical examination/evaluation** primary diagnosis category was **Ophthalmologic and otologic diagnosis and treatment** (46.8%; 28,033 procedures) ([Table 26](#)).

V70.5 Exams by AF Organization

- Across all MAJCOMS ([Tables 27-37](#)) the greatest number of V70.5 exams coded as primary diagnoses over the study period were observed in Air Combat Command (ACC) with 283,435 diagnoses (20.7%) ([Table 29](#)) followed by Air Mobility Command (AMC) with 266,052 exams (19.45%) ([Table 28](#)) and Air Education and Training Command (AETC) with 187,705 exams (13.72%) ([Table 27](#)).
- **Aviation Exam** was the most common V70.5 primary diagnosis category at six (AETC, AFDW, AFMC, AFSOC, USAFA, USAFE) of the 11 MAJCOMS over the study period ([Table 38](#) and figure W). As seen in Figure W, **Aviation Exams** accounted for over half of all exams at AETC (59.20%). **Periodic Prevention Exam** was the most common category at three MAJCOMs (ACC, AFSPC, AMC). **Fitness for Duty Exam** and **Occupational Exam** were the most common category at AFGSC and PACAF, respectively, across the study period.
- Across all MAJCOMs, **Fitness for Duty Exams** made up one of the smallest proportions of exams, with the exception of AFGSC (31.31%).

³ The 2,299 unique CPT and HCPCS codes captured in the analysis were collapsed into 144 unique Clinical Classifications Software (CCS) procedure categories (see Methods).

⁴ CPT code

Utilization

- The median number of annual encounters for all individuals over the study period was 2 (interquartile range (IQR) 1-3) (Table 39). Approximately seventy-five percent of individuals had 3 or fewer annual encounters over the study period.
- Approximately seventy-five percent of US Service Members had 4 encounters or less, compared to 3 or less for Dependents.
- The median number of annual encounters was 2 for both 18- to 25-year-olds and 26- to 30-year-olds (IQR 1-4). For individuals aged <18 or 65+ years of age, the median annual encounters was 1 (IQR 1-2).
- The median number of annual encounters across rank categories was highest among ranks O1-O3 (median = 3; IQR 1-5) and O4-O6+ (median = 2; IQR 1-4).
- Seventy-five percent of patients seen at AFGSC, AETC, USAFA, and AFSOC had a median of 4 encounters annually.
- Trend analysis revealed nine subpopulations that exhibited an increase or decrease in visits per year of at least 25% from 2003 to 2012.
- Based on the model for USAF Cadet females, utilization increased by 139.64% and 160.2% for the 25th and 75th percentile of age, respectively (Figure 12). For the model of USAF Cadet males, utilization increased by 103.5% and 114.6% for the 25th and 75th percentile of age, respectively (Figure 13).
- Models for seven additional populations exhibited a decrease in utilization by at least 25%, including US Army E6 females, USAF E4 males, US Navy and Marine Corps 05 females, USAF E1 females, US Army E8 males, USAF E4 females and US Army W2 males (Table AA, Figure 14-20).

Table AA: Subpopulation Utilization Trends

Subpopulation	Percent Change in Utilization (2003 – 2012)		Annual Utilization Estimates			
	25 th Percentile (Q1)	75 th Percentile (Q3)	25 th Percentile (Q1)		75 th Percentile (Q3)	
			2003	2012	2003	2012
USAF Cadet females	139.64	160.23	0.67	1.61	0.59	1.53
USAF Cadet males	103.47	114.59	0.61	1.23	0.55	1.17
US Army E6 females	-74.37	-73.51	1.03	0.26	1.04	0.28
USAF E4 males	-64.65	-70.51	0.99	0.35	0.91	0.27
US Navy and Marine Corps 05 females	-59.67	-44.83	0.93	0.38	1.24	0.68
USAF E1 females	-56.61	-60.09	1.27	0.55	1.20	0.48
US Army E8 males	-47.51	-55.05	0.84	0.44	0.72	0.33
USAF E4 females	-46.27	-48.08	1.59	0.86	1.53	0.80
US Army W2 males	-27.30	-20.92	0.60	0.43	0.78	0.61

Methods

Study Design

This study was a retrospective medical records review of outpatient encounters from continuously operating FOMCs at USAF installations spanning calendar years 2003-2012.

Data Sources

The Military Health System (MHS) data Mart (M2) was used to obtain data on September 10, 2013. For each encounter, the following variables were captured:

- Year of encounter
- Encounter type (e.g. wellness, acute care, teleconference)
- Diagnosis codes (first four) as defined by the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM)
- Current Procedural Terminology (CPT) procedure codes (first four)
- Full cost of the encounter
- Patient age
- Patient sex
- Patient category (e.g., active duty, national guard, reservist, retiree, family member)
- Service member branch (e.g., Army, Navy, Air Force)
- Service member pay grade
- Medical provider specialty code
- Unique identifiers for:
 - Service member
 - Patient, if not a service member (e.g. family member)
 - Medical provider
 - FOMC

Non-countable appointment flag (e.g. no-shows, cancellations, patient left without being seen). Non-countable appointments were classified based on TRICARE criteria (see the appendix in the “Completion Factors” document, available from: <http://tricare.mil/tma/dhcape/data/m2.aspx>). Encounters occurring on the same date were flagged for reference. Flagged encounters with no associated cost were removed from the cohort. Age was calculated using date of birth and date of encounter; age was set to missing for those with erroneous birth dates. Associated USAF installation and MAJCOM were merged with the M2 data by clinic identifier ([Appendix 1](#)).

For Air Force service members in the dataset, Air Force Personnel Center (AFPC) data were used to obtain

military rank and Air Force Specialty Code (AFSC) at the beginning of the calendar year of the encounter. AFSC is an alphanumeric occupational code. Between 2004 and 2011, AFSCs were expanded to include specific skill levels and subspecialties. This resulted in a large number of unique career fields. For the purposes of this report, AFSCs were grouped by career areas and then further categorized by the first two alphanumeric digits of the AFSC once the prefix was removed. Career areas include: operations, logistics, support, medical, professional acquisition, special investigations, and special duty identifiers. A complete listing of the frequency of AFSCs for USAF service members is available in [Appendix 2](#) and [Appendix 3](#).

Rank and AFSC were merged with the M2 data using the service member’s identifier, date of birth, and year. Officers whose rank or pay grade were greater than O-6 were categorized as O-6.

To understand what health services were being provided at FOMCs, ICD-9-CM extenders for V70.5, *Health Exam of Defined Subpopulation*, were of interest. DoD extenders were developed to meet specific reporting requirements of the Services. A one-character extender is appended to the end of a specific ICD-9-CM code to represent a unique meaning. A list of V70.5 extenders can be found in [Table 40](#).

Diagnosis and procedure codes were recoded using two software tools developed as part of the Healthcare Cost and Utilization Project (HCUP). The first, Clinical Classification Software (CCS) for ICD-9-CM, aids analysts to collapse diagnostic data from the 14,000 diagnosis codes and 3,900 procedure codes that make up the ICD-9-CM standardized coding system into clinically meaningful categories. The second, CCS for Services and Procedures, groups Current Procedural Terminology (CPT) codes and Healthcare Common Procedure Coding System (HCPCS) codes into 244 clinically related categories. Additional information about this project and their databases and tools is available on their website: <http://www.hcup-us.ahrq.gov>.

Measures/Variables

The objective of this study was to describe FOMC patient population demographics. Changes in patient populations over the ten year period were examined. Variables of interest included age, gender, rank of the service member, branch of the service member, and AFSC. Analyses were stratified by subpopulations: 1) US service members (US Air Force, USAF Guard &

Reserve, US Army, US Navy/Marine Corps, other; 2) dependents (USAF and non-USAF); and 3) other.

Patient Population

Inclusion Criteria

All patients seen at the FOMC were included regardless of age, gender, or other characteristic. This cohort represents the identifiable FOMC population.

Exclusion Criteria

Encounters were excluded from the study if they met at least one of the following seven sets of criteria:

1. Diagnosis or procedure codes in positions 1-4 were missing, and the full cost of the appointment was \$0.00
2. Full cost was \$0.00 and the appointment type was a teleconference
3. Appointment type was a teleconference and the encounter was considered non-countable according to TRICARE criteria
4. Full cost was \$0.00 and the encounter was considered non-countable
5. Diagnosis codes in positions 1-4 were missing and the appointment type was a teleconference
6. Diagnosis codes in positions 1-4 were missing and the encounter was considered non-countable
7. Full cost was \$0.00 and there was duplicate record on the same calendar day

Patients were grouped into populations based on clinical knowledge of differing health care needs and demographics characteristics (Figure 8):

- 1) US Service Members
 - a. US Air Force Active Duty
 - b. USAF Reserve and Air National Guard
 - c. US Army
 - d. US Navy and Marine Corps
 - e. Other
- 2) Dependents
 - a. USAF
 - b. non-USAF
- 3) Other (civilian federal employees and family members, NATO military and family members, and patients not elsewhere classified)

Statistical Analysis

The military health data repository contains longitudinal data and all eligible patient encounters were included (non-missing primary diagnosis data and cost). In this report covariates (independent variables: age, sex, rank, service, career area) are described for the overall population and then by subpopulation for all years and then by year.

A number of encounters were removed based on our inclusion criteria. If the source of error was systematic or disproportionately occurred within specific subgroups, then this could impact the true population estimate. However, the risk of this phenomenon was minimized by the large size of the sample.

A Poisson Regression analysis was applied to identify trends in utilization rate (visits per year). Using the linear and quadratic terms for the continuous predictor variables, Time and Age, a separate model was produced for each of 156 estimable subpopulations, based on all combinations of the class predictor variables, Gender, Pay Grade, and Service Category. For 21 models all linear and quadratic terms were significant at the 95% confidence level. An additional 8 models were significant at the 95% confidence level for linear terms. Using the 25th and 75th percentile for age to avoid the impact of extreme data points, the rate of change in visits each year was estimated over the 10 year period from 2003 to 2012.

Institutional Review

FOMC encounters feeds data into numerous DoD electronic medical record systems. The study was conducted strictly IAW with the Air Force Research Lab IRB approved protocol. Data collection and management was consistent with the Health Insurance Portability and Accountability Act (HIPAA) standards for safeguarding the privacy of individually identifiable health information. Each patient, family and medical provider was assigned a unique arbitrary number which stayed the same for all encounters.

References

- (1) Armenian HK, Steinwach DM. Management of health services: importance of epidemiology in the year 2000 and beyond. *Epidemiol Rev* 2000;22:164–168.
- (2) Steinwachs DM. Health services research: its scope and significance. *Am J Pharmacol Ed* 1991(Fall);55:274–8.
- (3) Clinical Classifications Software (CCS) for ICD-9-CM Fact Sheet website: <http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccsfactsheet.jsp>

Figures

Figure 8. Patient population at US Air Force Flight Medicine and Operational Clinics, 2003-2012

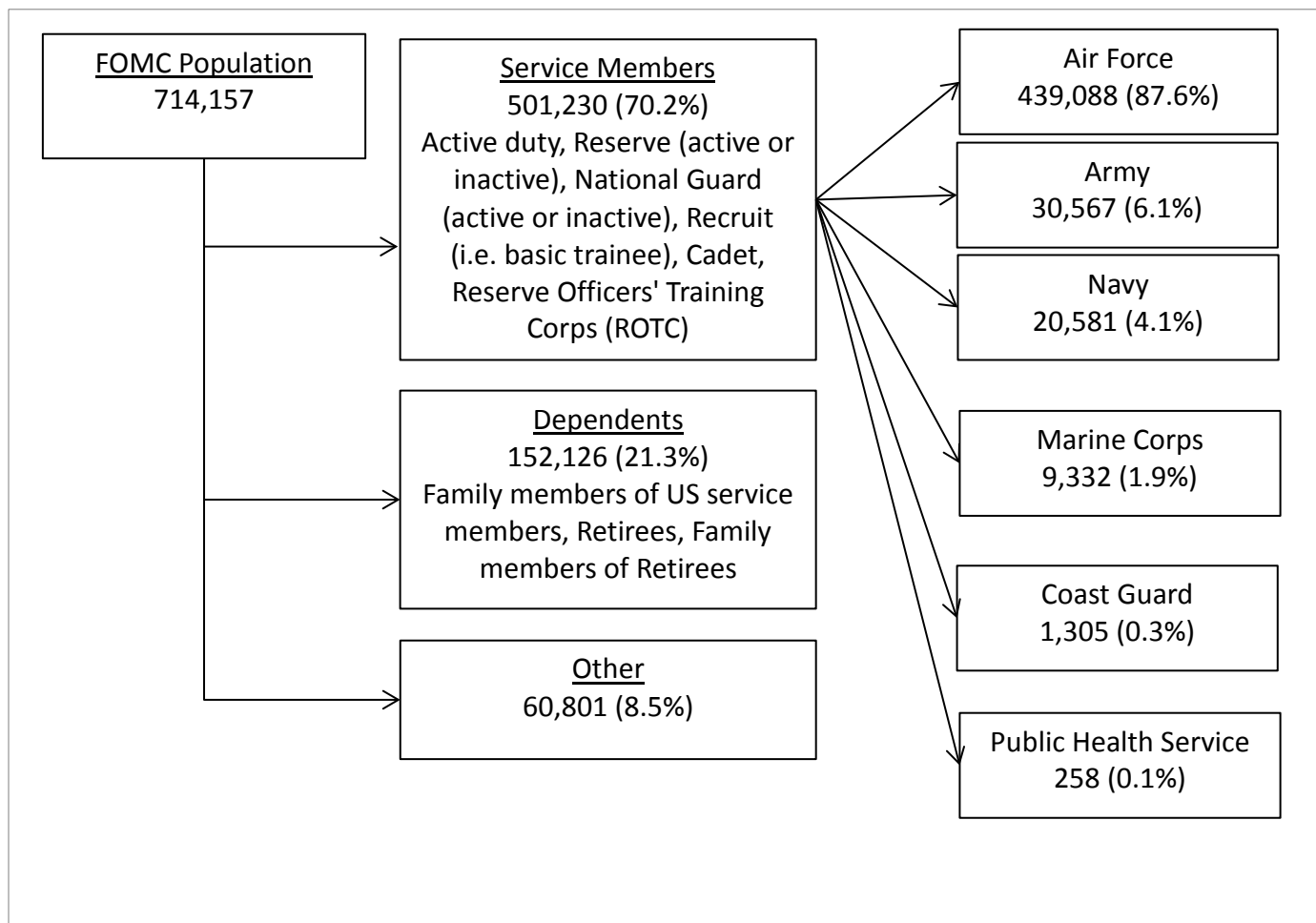


Figure 9: Encounters Over Time

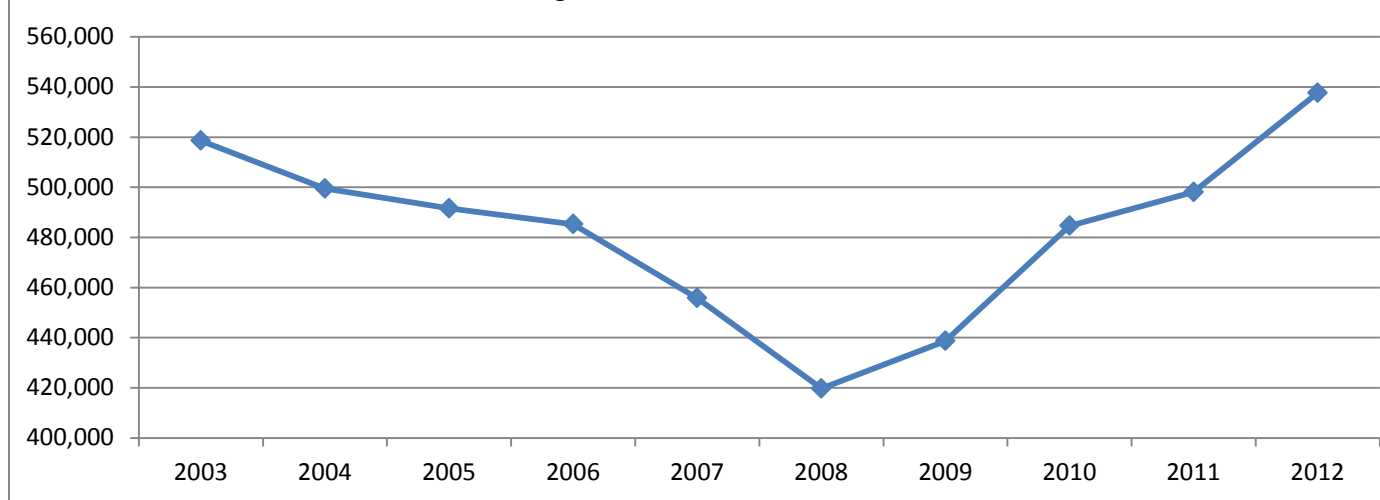


Figure 10. Primary Diagnosis of V70.5 by Service

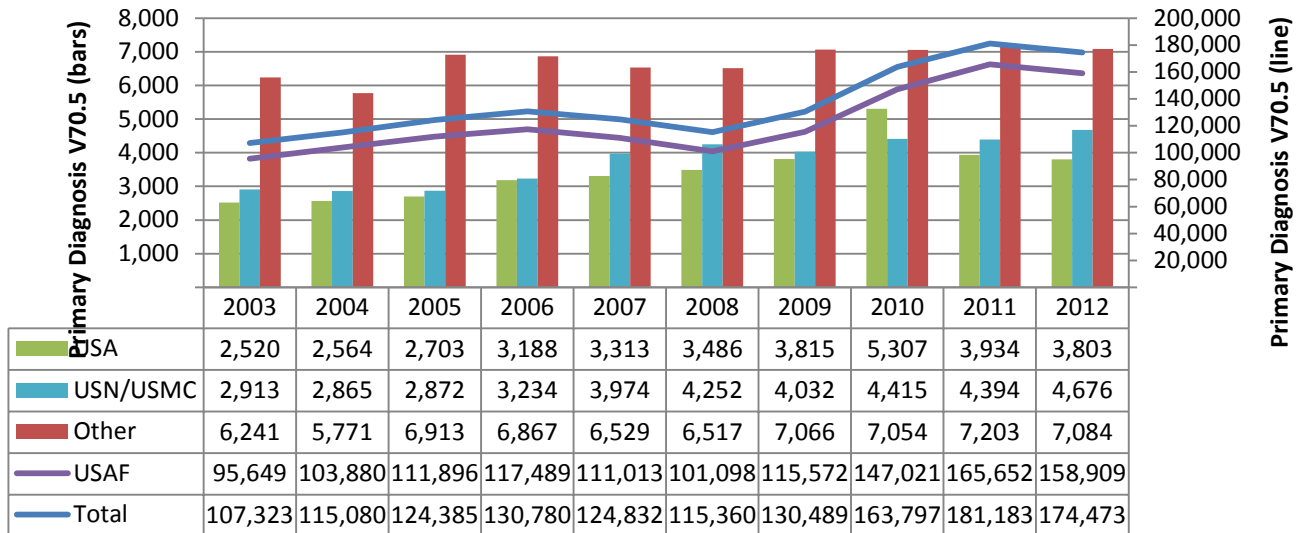


Figure 11: V70.5 Exams by Organization

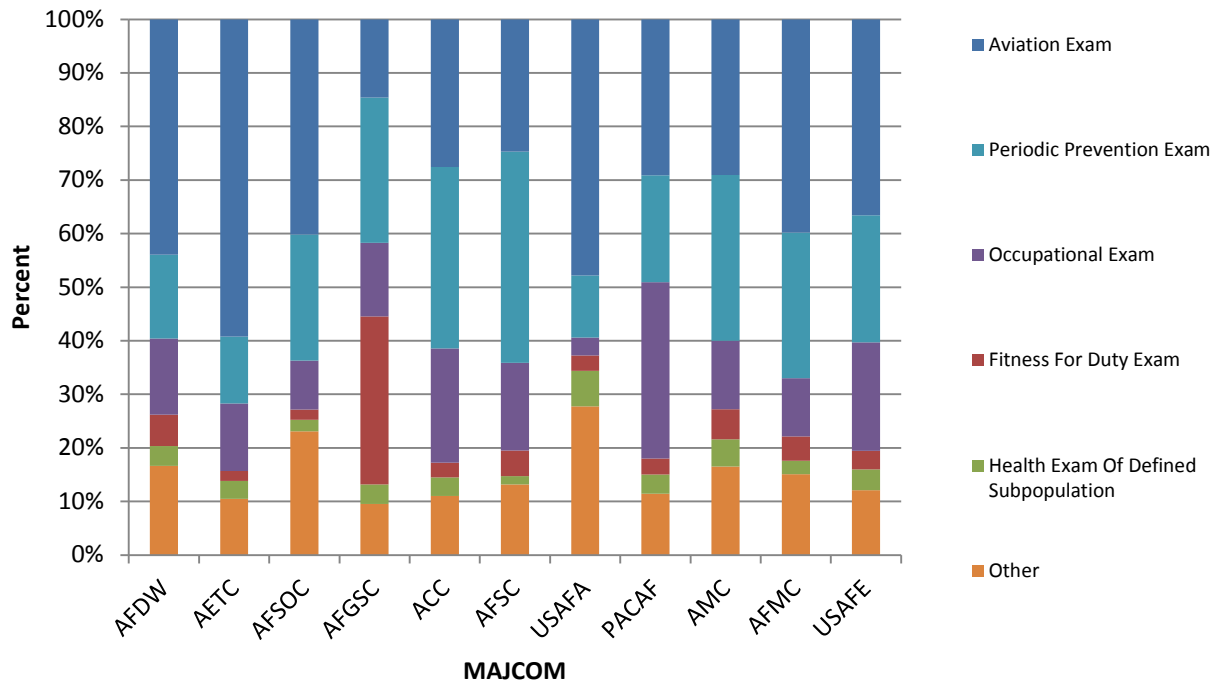
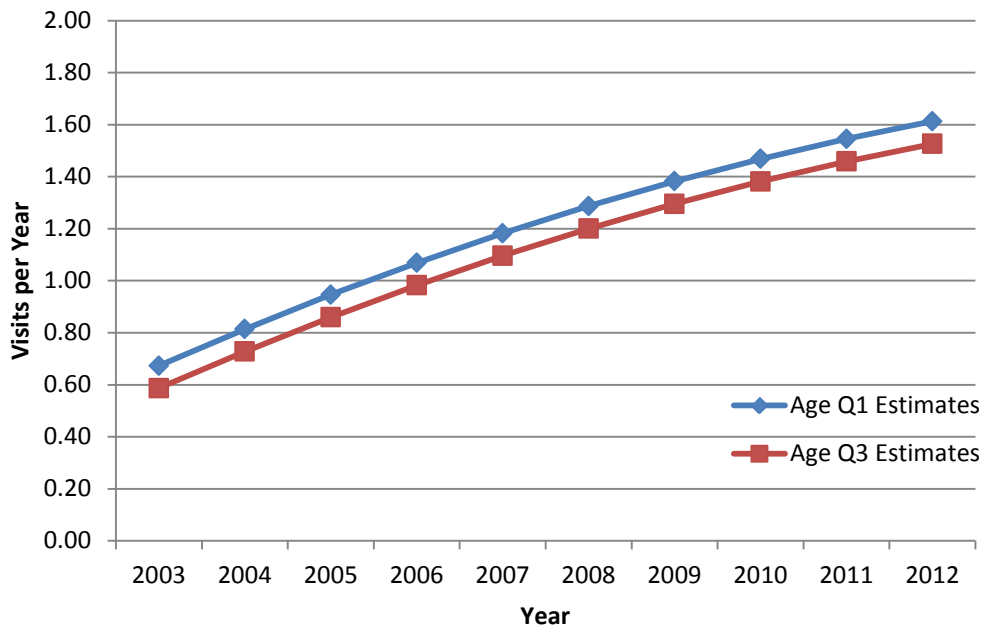
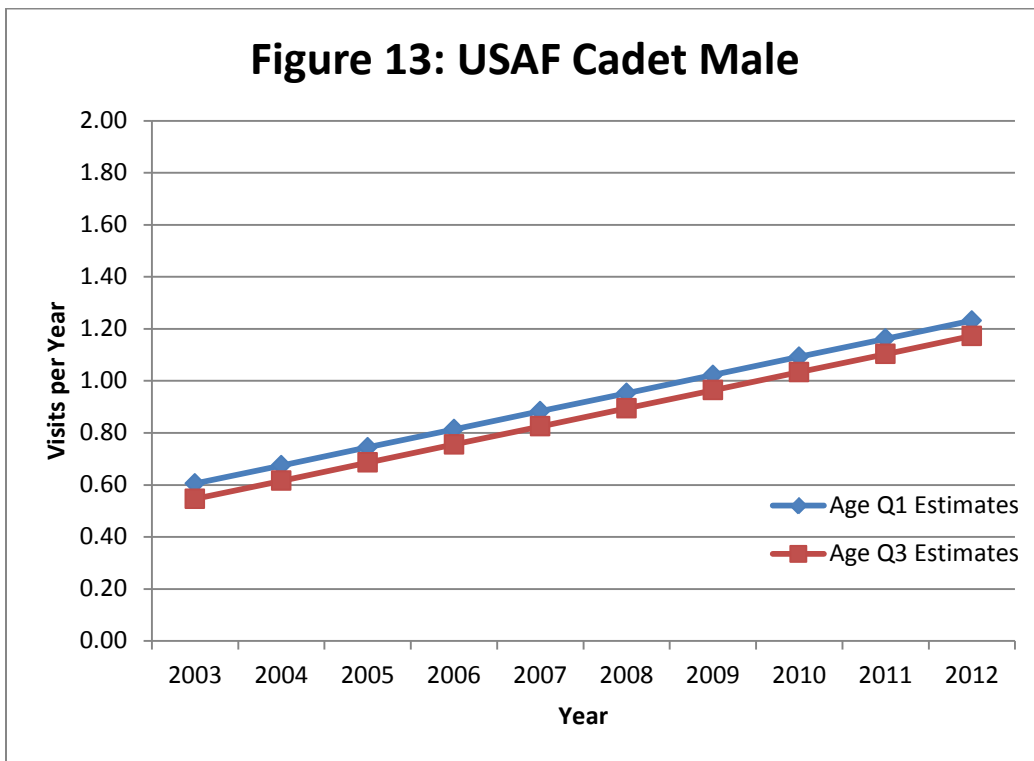


Figure 12: USAF Cadet Female



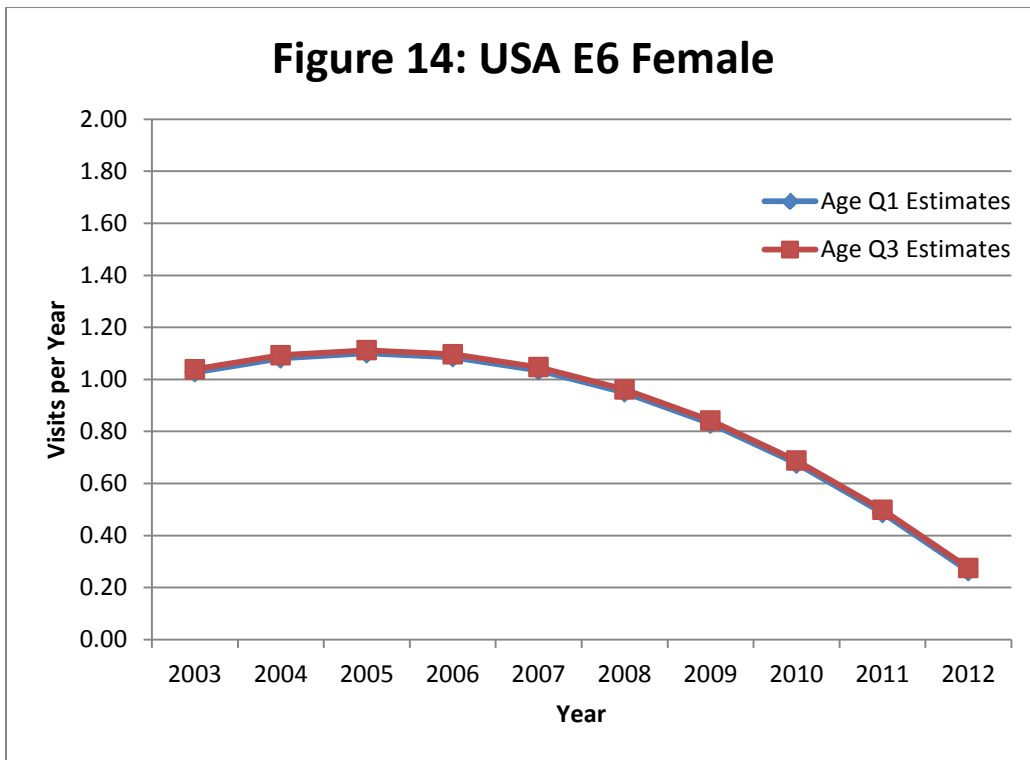
The subpopulation of Female Cadets in the USAF consisted of 7,449 observations. All of the terms for this model (linear and quadratic) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 18 years; from 2003-2012, visits increased within the 25th age percentile by 139.64%. The 75th age percentile for the subpopulation was 20 years; from 2003-2012, visits increased within the 75th age percentile by 160.23%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 13: USAF Cadet Male



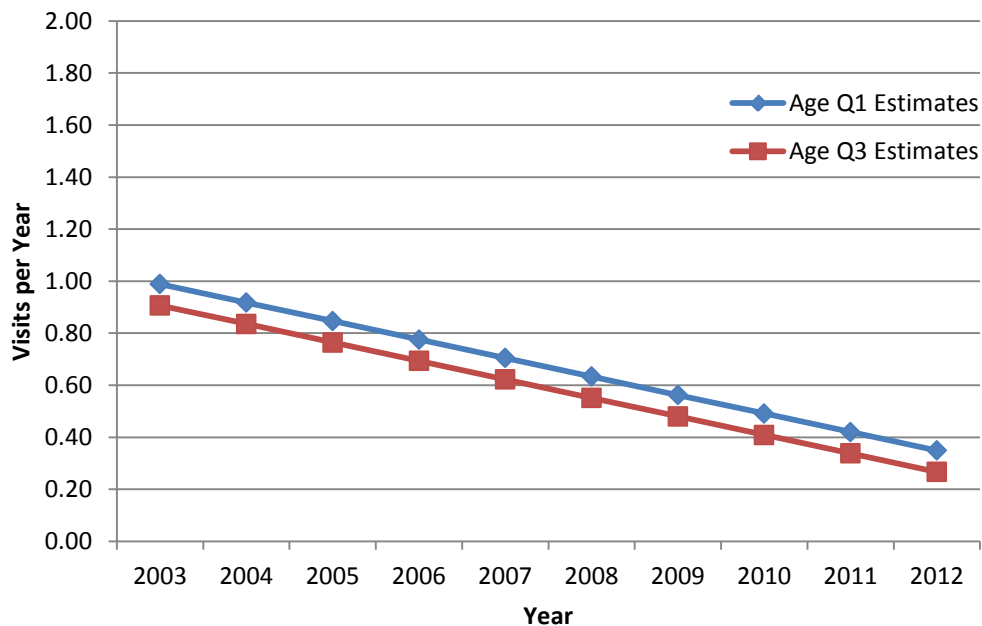
The subpopulation of Male Cadets in the USAF consisted of 27,032 observations. The terms for this model (linear) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 19 years; from 2003-2012, visits increased within the 25th age percentile by 103.47%. The 75th age percentile for the subpopulation was 21 years; from 2003-2012, visits increased within the 75th age percentile by 114.59%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 14: USA E6 Female



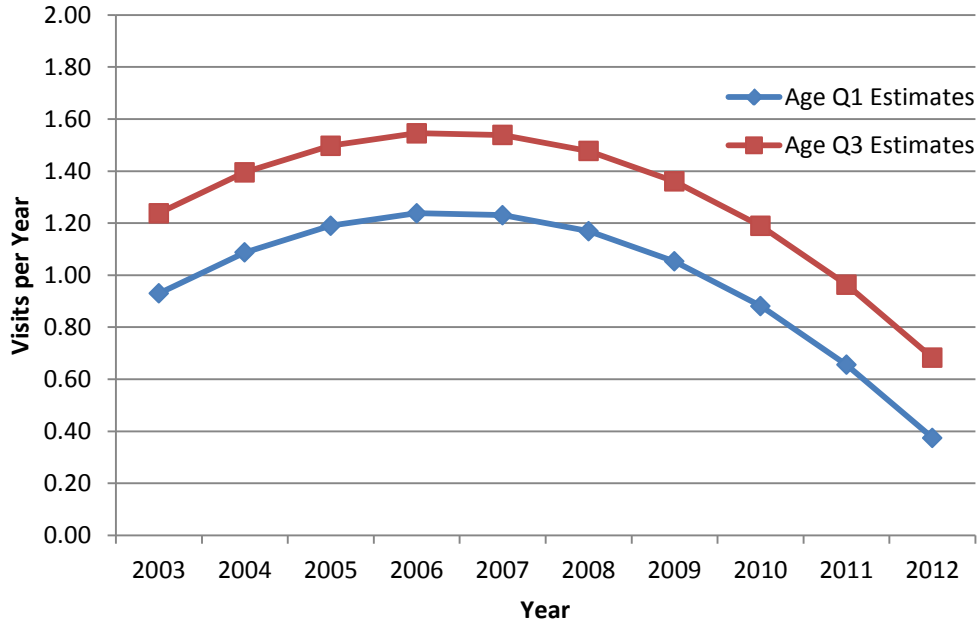
The subpopulation of Female E6 in the USA consisted of 982 observations. All of the terms for this model (linear and quadratic) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 28 years; from 2003-2012, visits decreased within the 25th age percentile by 74.37%. The 75th age percentile for the subpopulation was 39 years; from 2003-2012, visits decreased within the 75th age percentile by 73.51%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 15: USAF Senior Airman Male



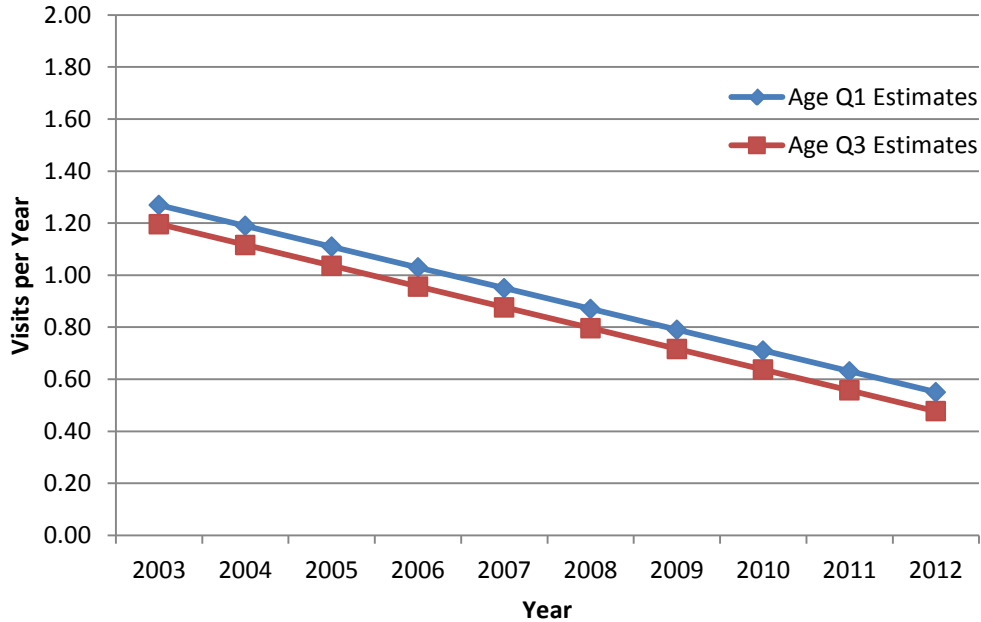
The subpopulation of Male E4 in the USAF consisted of 129,168 observations. All of the terms for this model (linear) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 22 years; from 2003-2012, visits decreased within the 25th age percentile by 64.65%. The 75th age percentile for the subpopulation was 26 years; from 2003-2012, visits decreased within the 75th age percentile by 70.51%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 16: USN/USMC O5 Female



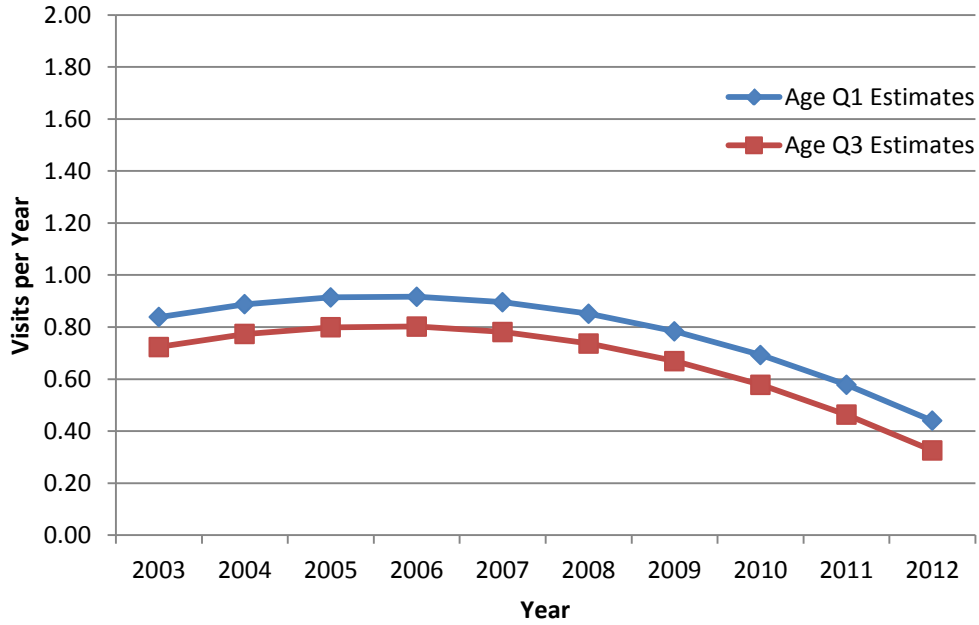
The subpopulation of Female O5 in the USN/USMC consisted of 179 observations. All of the terms for this model (linear and quadratic) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 41 years; from 2003-2012, visits decreased within the 25th age percentile by 59.67%. The 75th age percentile for the subpopulation was 48 years; from 2003-2012, visits decreased within the 75th age percentile by 44.83%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 17: USAF E1 Female



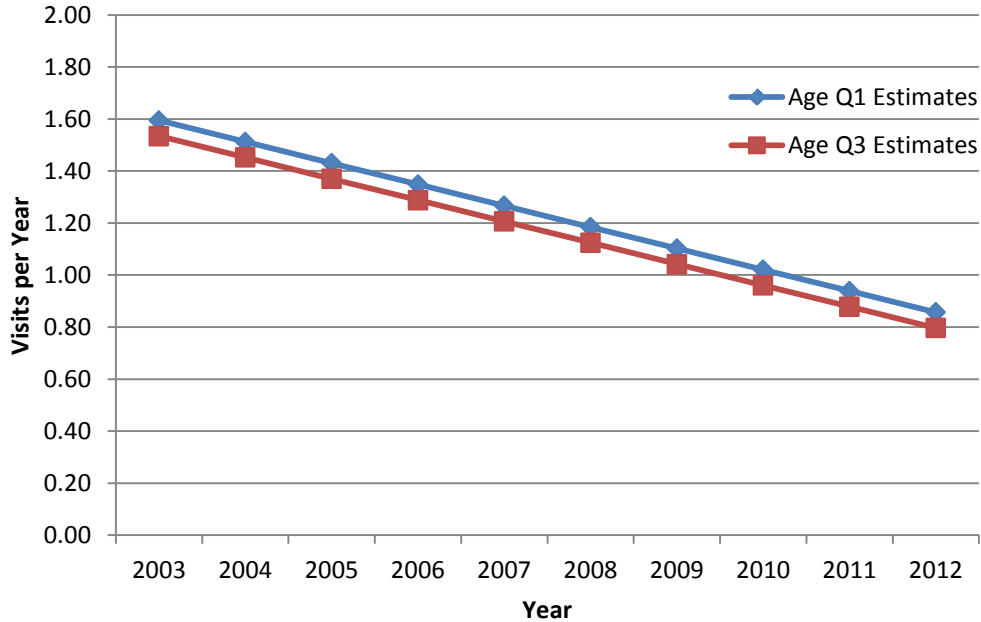
The subpopulation of Female E1 in the USAF consisted of 9,749 observations. All of the terms for this model (linear) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 18 years; from 2003-2012, visits decreased within the 25th age percentile by 56.61%. The 75th age percentile for the subpopulation was 20 years; from 2003-2012, visits decreased within the 75th age percentile by 60.09%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 18: USA E8 Male



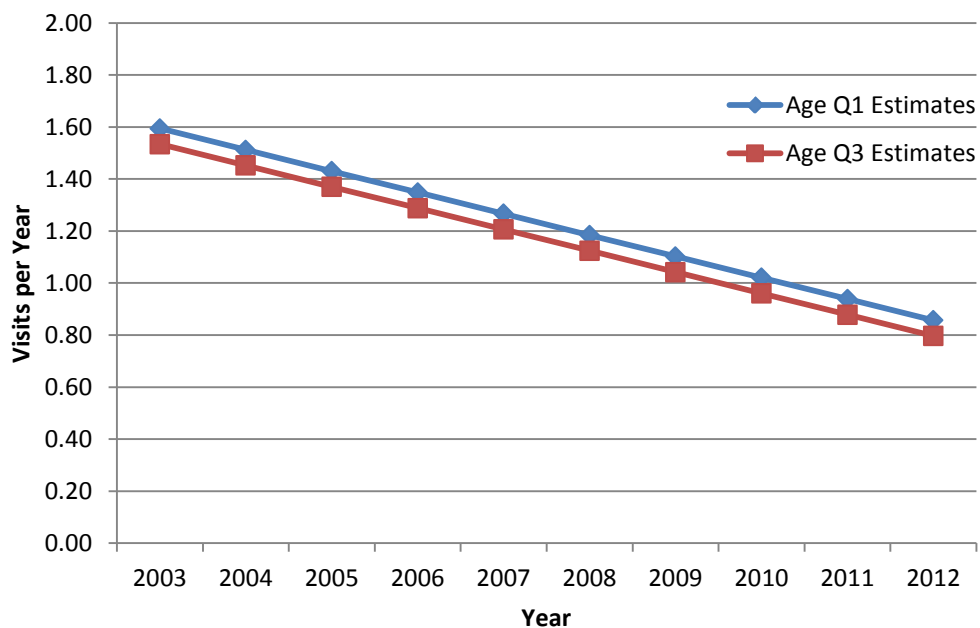
The subpopulation of Male E8 in the USA consisted of 1,927 observations. All of the terms for this model (linear and quadratic) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 40 years; from 2003-2012, visits decreased within the 25th age percentile by 47.51%. The 75th age percentile for the subpopulation was 50 years; from 2003-2012, visits decreased within the 75th age percentile by 55.05%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 19: USAF E4 Female



The subpopulation of Female E4 in the USAF consisted of 29,806 observations. All of the terms for this model (linear) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 22 years; from 2003-2012, visits decreased within the 25th age percentile by 46.27%. The 75th age percentile for the subpopulation was 25 years; from 2003-2012, visits decreased within the 75th age percentile by 48.08%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Figure 20: USA W2 Male



The subpopulation of Male W2 in the USA consisted of 970 observations. All of the terms for this model (linear and quadratic) were significant at the 95% confidence level. The 25th age percentile for the subpopulation was 33 years; from 2003-2012, visits decreased within the 25th age percentile by 27.30%. The 75th age percentile for the subpopulation was 43 years; from 2003-2012, visits decreased within the 75th age percentile by 20.92%. Statistical evidence and clinical significance of the rate of change over time indicate that this subpopulation requires further investigation to determine the cause(s) of these trends.

Results

Table 1. Demographic characteristics of the patient population accessing health care services at Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	714,157	100.00	182,138	100.00	175,983	100.00	178,117	100.00	181,566	100.00	173,196	100.00	162,240	100.00	168,882	100.00	197,747	100.00	193,869	100.00	196,227	100.00
Age																						
<18	56,472	7.91	17,409	9.56	15,138	8.60	13,058	7.33	11,287	6.22	9,990	5.77	8,412	5.18	7,512	4.45	5,681	2.87	4,967	2.56	5,599	2.85
18-25	321,251	44.98	63,269	34.74	61,735	35.08	63,866	35.86	66,773	36.78	62,765	36.24	58,312	35.94	61,924	36.67	78,399	39.65	76,227	39.32	76,201	38.83
26-30	81,401	11.40	22,085	12.13	22,252	12.64	23,868	13.40	25,305	13.94	25,317	14.62	24,582	15.15	25,682	15.21	31,063	15.71	32,097	16.56	33,190	16.91
31-40	147,584	20.67	49,895	27.39	46,849	26.62	46,389	26.04	46,420	25.57	44,297	25.58	41,953	25.86	43,248	25.61	50,129	25.35	50,131	25.86	50,981	25.98
41-64	104,121	14.58	28,879	15.86	29,457	16.74	30,262	16.99	31,207	17.19	30,260	17.47	28,538	17.59	30,071	17.81	32,042	16.20	30,053	15.50	29,789	15.18
65+	2,588	0.36	473	0.26	390	0.22	421	0.24	427	0.24	466	0.27	389	0.24	397	0.24	387	0.20	356	0.18	447	0.23
Unknown	740	0.10	128	0.07	162	0.09	253	0.14	147	0.08	101	0.06	54	0.03	48	0.03	46	0.02	38	0.02	20	0.01
Sex																						
Male	507,319	71.04	128,051	70.30	123,739	70.31	127,647	71.66	134,126	73.87	128,646	74.28	120,944	74.55	127,356	75.41	152,632	77.19	150,500	77.63	151,348	77.13
Female	206,795	28.96	54,077	29.69	52,237	29.68	50,464	28.33	47,438	26.13	44,546	25.72	41,289	25.45	41,522	24.59	45,111	22.81	43,366	22.37	44,877	22.87
Unknown	43	0.01	10	0.01	7	0.00	6	0.00	2	0.00	4	0.00	7	0.00	4	0.00	4	0.00	3	0.00	2	0.00
Sponsor Rank																						
E1-E3	161,803	22.66	23,529	12.92	22,076	12.54	21,702	12.18	23,107	12.73	21,575	12.46	20,820	12.83	23,359	13.83	35,470	17.94	34,308	17.70	33,134	16.89
E4-E6	185,919	26.03	45,649	25.06	44,995	25.57	48,186	27.05	52,510	28.92	50,817	29.34	46,675	28.77	49,597	29.37	64,307	32.52	66,132	34.11	67,045	34.17
E7-E9	43,070	6.03	11,256	6.18	11,043	6.28	11,088	6.23	11,615	6.40	11,091	6.40	10,667	6.57	11,344	6.72	14,593	7.38	13,682	7.06	14,603	7.44
W1-W3	1,420	0.20	245	0.13	219	0.12	278	0.16	283	0.16	331	0.19	322	0.20	277	0.16	300	0.15	253	0.13	262	0.13
W4-W5	568	0.08	123	0.07	115	0.07	137	0.08	133	0.07	137	0.08	137	0.08	174	0.10	162	0.08	169	0.09	148	0.08
Cadet	19,160	2.68	3,119	1.71	2,860	1.63	2,521	1.42	3,404	1.87	3,513	2.03	3,650	2.25	4,358	2.58	4,259	2.15	4,032	2.08	3,980	2.03
O1-O3	52,107	7.30	22,837	12.54	22,808	12.96	23,994	13.47	24,191	13.32	23,117	13.35	21,800	13.44	22,660	13.42	24,916	12.60	24,971	12.88	24,720	12.60
O4-O6+	39,450	5.52	17,943	9.85	17,815	10.12	17,623	9.89	18,044	9.94	18,063	10.43	17,060	10.52	17,807	10.54	18,500	9.36	18,324	9.45	18,578	9.47
Unknown	210,660	29.50	57,437	31.53	54,052	30.71	52,588	29.52	48,279	26.59	44,552	25.72	41,109	25.34	39,306	23.27	35,240	17.82	31,998	16.50	33,757	17.20
Sponsor Service^a																						
USAF	575,624	80.60	160,379	88.05	155,751	88.50	156,691	87.97	158,403	87.24	149,861	86.53	140,630	86.68	147,070	87.08	174,995	88.49	172,195	88.82	173,770	88.56
USA	43,241	6.05	6,473	3.55	6,366	3.62	6,560	3.68	7,297	4.02	7,849	4.53	6,712	4.14	6,690	3.96	7,127	3.60	5,970	3.08	6,475	3.30
USN/USMC	38,032	5.33	5,809	3.19	5,319	3.02	5,262	2.95	6,171	3.40	6,400	3.70	5,959	3.67	5,731	3.39	6,423	3.25	6,857	3.54	7,339	3.74
Other	56,940	7.97	9,476	5.20	8,544	4.86	9,598	5.39	9,655	5.32	8,927	5.15	8,913	5.49	9,362	5.54	9,184	4.64	8,695	4.48	8,638	4.40
Unknown	320	0.04	1	0.00	3	0.00	6	0.00	40	0.02	159	0.09	26	0.02	29	0.02	18	0.01	152	0.08	5	0.00

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^a USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 2. Demographic characteristics of US service members accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	501,230	100.00	127,016	100.00	124,594	100.00	127,874	100.00	134,612	100.00	129,248	100.00	121,921	100.00	129,803	100.00	163,183	100.00	161,510	100.00	162,033	100.00
Age																						
<18	2,208	0.44	382	0.30	313	0.25	285	0.22	255	0.19	225	0.17	174	0.14	163	0.13	170	0.10	184	0.11	158	0.10
18-25	272,137	54.29	53,253	41.93	52,294	41.97	54,432	42.57	58,125	43.18	54,686	42.31	50,623	41.52	54,659	42.11	72,014	44.13	70,179	43.45	69,870	43.12
26-30	61,799	12.33	17,327	13.64	17,557	14.09	19,098	14.94	20,690	15.37	20,720	16.03	20,178	16.55	21,435	16.51	27,096	16.60	28,251	17.49	29,127	17.98
31-40	108,903	21.73	37,796	29.76	35,687	28.64	35,201	27.53	36,243	26.92	34,790	26.92	32,986	27.06	34,719	26.75	42,231	25.88	42,691	26.43	43,075	26.58
41-64	55,609	11.09	18,186	14.32	18,626	14.95	18,644	14.58	19,185	14.25	18,744	14.50	17,915	14.69	18,790	14.48	21,631	13.26	20,172	12.49	19,785	12.21
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	574	0.11	72	0.06	117	0.09	214	0.17	114	0.08	83	0.06	45	0.04	37	0.03	41	0.03	33	0.02	18	0.01
Sex																						
Male	413,836	82.56	107,121	84.34	104,799	84.11	108,450	84.81	115,351	85.69	111,147	86.00	105,022	86.14	110,766	85.33	137,652	84.35	136,479	84.50	137,031	84.57
Female	87,370	17.43	19,888	15.66	19,790	15.88	19,421	15.19	19,259	14.31	18,098	14.00	16,897	13.86	19,034	14.66	25,530	15.65	25,030	15.50	25,001	15.43
Unknown	24	0.00	7	0.01	5	0.00	3	0.00	2	0.00	3	0.00	2	0.00	3	0.00	1	0.00	1	0.00	1	0.00
Rank																						
E1-E3	161,508	32.22	23,493	18.50	22,053	17.70	21,663	16.94	23,069	17.14	21,540	16.67	20,786	17.05	23,316	17.96	35,415	21.70	34,260	21.21	33,065	20.41
E4-E6	180,765	36.06	44,850	35.31	44,178	35.46	47,221	36.93	51,362	38.16	49,690	38.45	45,633	37.43	48,480	37.35	63,177	38.72	65,030	40.26	65,889	40.66
E7-E9	35,883	7.16	10,073	7.93	9,860	7.91	9,592	7.50	9,875	7.34	9,352	7.24	9,139	7.50	9,691	7.47	12,780	7.83	11,989	7.42	12,890	7.96
W1-W3	1,269	0.25	221	0.17	195	0.16	246	0.19	248	0.18	294	0.23	290	0.24	243	0.19	267	0.16	231	0.14	235	0.15
W4-W5	481	0.10	105	0.08	95	0.08	111	0.09	105	0.08	105	0.08	108	0.09	140	0.11	140	0.09	153	0.09	124	0.08
Cadet	19,144	3.82	3,119	2.46	2,859	2.29	2,520	1.97	3,404	2.53	3,510	2.72	3,650	2.99	4,358	3.36	4,259	2.61	4,029	2.49	3,971	2.45
O1-O3	50,640	10.10	22,553	17.76	22,513	18.07	23,655	18.50	23,853	17.72	22,786	17.63	21,566	17.69	22,353	17.22	24,550	15.04	24,596	15.23	24,340	15.02
O4-O6+	37,274	7.44	17,436	13.73	17,253	13.85	17,001	13.30	17,355	12.89	17,347	13.42	16,549	13.57	16,973	13.08	17,961	11.01	17,810	11.03	18,017	11.12
Unknown	14,266	2.85	5,166	4.07	5,588	4.48	5,865	4.59	5,341	3.97	4,624	3.58	4,200	3.44	4,249	3.27	4,634	2.84	3,412	2.11	3,502	2.16
Service^a																						
USAF	439,088	87.60	118,167	93.03	116,394	93.42	119,407	93.38	124,300	92.34	118,139	91.40	112,203	92.03	120,324	92.70	151,530	92.86	150,586	93.24	150,485	92.87
USA	30,567	6.10	4,212	3.32	4,049	3.25	4,187	3.27	5,096	3.79	5,650	4.37	4,648	3.81	4,578	3.53	5,689	3.49	4,634	2.87	4,905	3.03
USN/USMC	29,913	5.97	4,354	3.43	3,831	3.07	3,958	3.10	4,900	3.64	5,133	3.97	4,772	3.91	4,606	3.55	5,571	3.41	6,038	3.74	6,372	3.93
Other	1,662	0.33	283	0.22	320	0.26	322	0.25	316	0.23	326	0.25	298	0.24	295	0.23	393	0.24	252	0.16	271	0.17
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 3. US Air Force Active Duty: Demographic characteristics of patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	405,897	100.00	109,727	100.00	108,767	100.00	112,245	100.00	116,705	100.00	111,003	100.00	104,877	100.00	112,410	100.00	141,691	100.00	141,677	100.00	141,413	100.00
Age																						
<18	2,094	0.52	359	0.33	303	0.28	273	0.24	247	0.21	205	0.18	169	0.16	157	0.14	152	0.11	179	0.13	148	0.10
18-25	242,523	59.75	49,490	45.10	49,034	45.08	51,020	45.45	54,028	46.29	50,316	45.33	47,159	44.97	51,214	45.56	66,793	47.14	65,357	46.13	64,964	45.94
26-30	49,092	12.09	15,513	14.14	15,840	14.56	17,343	15.45	18,547	15.89	18,475	16.64	18,016	17.18	19,203	17.08	24,256	17.12	25,455	17.97	26,090	18.45
31-40	79,845	19.67	31,368	28.59	30,005	27.59	29,849	26.59	30,323	25.98	29,043	26.16	27,477	26.20	29,187	25.96	35,735	25.22	36,603	25.84	36,659	25.92
41-64	31,909	7.86	12,932	11.79	13,480	12.39	13,560	12.08	13,481	11.55	12,918	11.64	12,033	11.47	12,624	11.23	14,723	10.39	14,063	9.93	13,542	9.58
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	434	0.11	65	0.06	105	0.10	200	0.18	79	0.07	46	0.04	23	0.02	25	0.02	32	0.02	20	0.01	10	0.01
Sex																						
Male	333,436	82.15	92,443	84.25	91,396	84.03	94,955	84.60	99,678	85.41	95,210	85.77	90,116	85.93	95,763	85.19	119,559	84.38	119,603	84.42	119,621	84.59
Female	72,447	17.85	17,280	15.75	17,367	15.97	17,288	15.40	17,026	14.59	15,791	14.23	14,760	14.07	16,646	14.81	22,132	15.62	22,074	15.58	21,791	15.41
Unknown	14	0.00	4	0.00	4	0.00	2	0.00	1	0.00	2	0.00	1	0.00	1	0.00	-	-	-	-	1	0.00
Rank																						
E1-E3	146,873	36.18	21,735	19.81	20,925	19.24	20,527	18.29	21,618	18.52	19,802	17.84	19,595	18.68	21,869	19.45	32,345	22.83	31,629	22.32	30,450	21.53
E4-E6	142,773	35.17	38,827	35.39	38,585	35.47	41,901	37.33	44,918	38.49	43,179	38.90	39,920	38.06	42,678	37.97	55,838	39.41	58,139	41.04	58,533	41.39
E7-E9	24,093	5.94	7,691	7.01	7,555	6.95	7,415	6.61	7,460	6.39	7,109	6.40	6,839	6.52	7,372	6.56	9,821	6.93	9,466	6.68	10,136	7.17
Cadet	18,094	4.46	2,912	2.65	2,677	2.46	2,363	2.11	3,293	2.82	3,384	3.05	3,530	3.37	4,260	3.79	4,185	2.95	3,959	2.79	3,907	2.76
O1-O3	40,065	9.87	20,291	18.49	20,421	18.77	21,520	19.17	21,681	18.58	20,701	18.65	19,466	18.56	20,327	18.08	22,334	15.76	22,284	15.73	21,937	15.51
O4-O6+	23,112	5.69	13,673	12.46	13,664	12.56	13,383	11.92	13,216	11.32	13,119	11.82	12,383	11.81	12,597	11.21	13,530	9.55	13,718	9.68	13,856	9.80
Unknown	10,887	2.68	4,598	4.19	4,940	4.54	5,136	4.58	4,519	3.87	3,709	3.34	3,144	3.00	3,307	2.94	3,638	2.57	2,482	1.75	2,594	1.83
Career Area																						
Logistics	105,762	26.06	21,669	19.75	21,071	19.37	22,459	20.01	25,490	21.84	24,095	21.71	21,400	20.40	22,567	20.08	32,289	22.79	32,608	23.02	31,771	22.47
Support	62,592	15.42	11,187	10.20	10,292	9.46	12,233	10.90	11,870	10.17	11,144	10.04	11,789	11.24	13,301	11.83	23,832	16.82	26,101	18.42	26,531	18.76
Operations	60,014	14.79	39,489	35.99	41,503	38.16	41,624	37.08	41,311	35.40	40,558	36.54	39,799	37.95	40,595	36.11	43,287	30.55	45,436	32.07	46,271	32.72
Medical	27,430	6.76	7,537	6.87	7,433	6.83	7,359	6.56	7,264	6.22	7,040	6.34	6,596	6.29	7,120	6.33	9,362	6.61	9,946	7.02	10,045	7.10
Acquisition	7,379	1.82	1,862	1.70	1,679	1.54	1,866	1.66	2,215	1.90	1,964	1.77	1,827	1.74	1,966	1.75	2,612	1.84	2,712	1.91	2,578	1.82
Professional	2,348	0.58	514	0.47	520	0.48	520	0.46	519	0.44	448	0.40	384	0.37	397	0.35	643	0.45	621	0.44	558	0.39
Other ^a	140,372	34.58	27,469	25.03	26,269	24.15	26,184	23.33	28,036	24.02	25,754	23.20	23,082	22.01	26,464	23.54	29,666	20.94	24,253	17.12	23,659	16.73

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^aOther consists of special investigations, special duty identifiers, and reporting identifiers.

Table 4. US Air Force Reserve and US Air National Guard: Demographic characteristics of patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	33,191	100.00	8,440	100.00	7,627	100.00	7,162	100.00	7,595	100.00	7,136	100.00	7,326	100.00	7,914	100.00	9,839	100.00	8,909	100.00	9,072	100.00
Age																						
<18	46	0.14	5	0.06	3	0.04	2	0.03	2	0.03	7	0.10	1	0.01	1	0.01	16	0.16	3	0.03	8	0.09
18-25	8,133	24.50	886	10.50	885	11.60	825	11.52	1,071	14.10	998	13.99	897	12.24	1,112	14.05	2,175	22.11	1,651	18.53	1,727	19.04
26-30	3,740	11.27	700	8.29	623	8.17	652	9.10	742	9.77	719	10.08	751	10.25	872	11.02	1,119	11.37	1,115	12.52	1,212	13.36
31-40	10,019	30.19	3,536	41.90	2,928	38.39	2,604	36.36	2,611	34.38	2,203	30.87	2,304	31.45	2,374	30.00	2,672	27.16	2,618	29.39	2,667	29.40
41-64	11,212	33.78	3,310	39.22	3,183	41.73	3,075	42.93	3,156	41.55	3,196	44.79	3,371	46.01	3,551	44.87	3,854	39.17	3,518	39.49	3,455	38.08
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	41	0.12	3	0.04	5	0.07	4	0.06	13	0.17	13	0.18	2	0.03	4	0.05	3	0.03	4	0.04	3	0.03
Sex																						
Male	26,236	79.05	6,975	82.64	6,234	81.74	5,976	83.44	6,448	84.90	6,005	84.15	6,212	84.79	6,609	83.51	7,922	80.52	7,306	82.01	7,340	80.91
Female	6,955	20.95	1,465	17.36	1,393	18.26	1,186	16.56	1,147	15.10	1,131	15.85	1,114	15.21	1,305	16.49	1,917	19.48	1,603	17.99	1,732	19.09
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rank																						
E1-E3	5,426	16.35	313	3.71	339	4.44	228	3.18	317	4.17	410	5.75	300	4.10	590	7.46	1,759	17.88	1,155	12.96	1,181	13.02
E4-E6	13,124	39.54	3,126	37.04	2,605	34.15	2,373	33.13	2,634	34.68	2,154	30.18	2,322	31.70	2,367	29.91	2,878	29.25	2,634	29.57	2,682	29.56
E7-E9	5,268	15.87	1,537	18.21	1,430	18.75	1,380	19.27	1,357	17.87	1,172	16.42	1,267	17.29	1,292	16.33	1,431	14.54	1,345	15.10	1,394	15.37
O1-O3	3,273	9.86	1,006	11.92	901	11.81	900	12.57	901	11.86	881	12.35	886	12.09	994	12.56	997	10.13	1,113	12.49	1,193	13.15
O4-O6+	5,339	16.09	2,236	26.49	2,114	27.72	2,023	28.25	2,117	27.87	2,199	30.82	2,199	30.02	2,328	29.42	2,422	24.62	2,328	26.13	2,269	25.01
Unknown	761	2.29	222	2.63	238	3.12	258	3.60	269	3.54	320	4.48	352	4.80	343	4.33	352	3.58	334	3.75	353	3.89
Career Area																						
Logistics	6,611	19.92	1,373	16.27	1,061	13.91	969	13.53	1,031	13.57	765	10.72	809	11.04	858	10.84	1,202	12.22	1,169	13.12	1,066	11.75
Support	4,736	14.27	842	9.98	698	9.15	688	9.61	882	11.61	662	9.28	638	8.71	596	7.53	1,184	12.03	1,041	11.68	1,065	11.74
Operations	8,040	24.22	3,563	42.22	3,423	44.88	3,292	45.96	3,471	45.70	3,346	46.89	3,632	49.58	3,854	48.70	4,025	40.91	4,018	45.10	3,994	44.03
Medical	3,157	9.51	941	11.15	883	11.58	685	9.56	578	7.61	559	7.83	542	7.40	560	7.08	641	6.51	526	5.90	635	7.00
Acquisition	622	1.87	172	2.04	177	2.32	143	2.00	144	1.90	229	3.21	177	2.42	162	2.05	183	1.86	187	2.10	167	1.84
Professional	484	1.46	110	1.30	123	1.61	96	1.34	80	1.05	84	1.18	83	1.13	81	1.02	119	1.21	98	1.10	112	1.23
Other ^a	9,541	28.75	1,439	17.05	1,262	16.55	1,289	18.00	1,409	18.55	1,491	20.89	1,445	19.72	1,803	22.78	2,485	25.26	1,870	20.99	2,033	22.41

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^aOther consists of special investigations, special duty identifiers, and reporting identifiers.

Table 5. US Army: Demographic characteristics of patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	30,567	100.00	4,212	100.00	4,049	100.00	4,187	100.00	5,096	100.00	5,650	100.00	4,648	100.00	4,578	100.00	5,689	100.00	4,634	100.00	4,905	100.00
Age																						
<18	50	0.16	13	0.31	5	0.12	7	0.17	3	0.06	9	0.16	4	0.09	5	0.11	2	0.04	1	0.02	2	0.04
18-25	8,325	27.24	859	20.39	888	21.93	983	23.48	1,274	25.00	1,609	28.48	1,059	22.78	915	19.99	1,063	18.69	970	20.93	987	20.12
26-30	4,309	14.10	508	12.06	446	11.02	462	11.03	638	12.52	707	12.51	616	13.25	668	14.59	851	14.96	745	16.08	774	15.78
31-40	9,978	32.64	1,618	38.41	1,498	37.00	1,484	35.44	1,643	32.24	1,793	31.73	1,479	31.82	1,466	32.02	1,906	33.50	1,517	32.74	1,661	33.86
41-64	7,841	25.65	1,212	28.77	1,207	29.81	1,246	29.76	1,527	29.96	1,512	26.76	1,474	31.71	1,522	33.25	1,864	32.76	1,394	30.08	1,479	30.15
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	64	0.21	2	0.05	5	0.12	5	0.12	11	0.22	20	0.35	16	0.34	2	0.04	3	0.05	7	0.15	2	0.04
Sex																						
Male	26,365	86.25	3,674	87.23	3,510	86.69	3,667	87.58	4,501	88.32	4,965	87.88	4,112	88.47	4,031	88.05	4,877	85.73	4,024	86.84	4,219	86.01
Female	4,197	13.73	536	12.73	539	13.31	519	12.40	595	11.68	685	12.12	536	11.53	546	11.93	811	14.26	610	13.16	686	13.99
Unknown	5	0.02	2	0.05	-	-	1	0.02	-	-	-	-	-	-	1	0.02	1	0.02	-	-	-	-
Rank																						
E1-E3	3,102	10.15	262	6.22	285	7.04	322	7.69	423	8.30	606	10.73	335	7.21	283	6.18	348	6.12	380	8.20	366	7.46
E4-E6	13,070	42.76	1,648	39.13	1,529	37.76	1,488	35.54	2,022	39.68	2,408	42.62	1,605	34.53	1,654	36.13	2,229	39.18	1,809	39.04	1,985	40.47
E7-E9	4,379	14.33	564	13.39	583	14.40	546	13.04	682	13.38	704	12.46	668	14.37	673	14.70	1,059	18.61	720	15.54	842	17.17
W1-W3	1,074	3.51	199	4.72	169	4.17	216	5.16	221	4.34	257	4.55	248	5.34	208	4.54	230	4.04	197	4.25	200	4.08
W4-W5	444	1.45	99	2.35	93	2.30	104	2.48	96	1.88	98	1.73	104	2.24	135	2.95	130	2.29	140	3.02	113	2.30
Cadet	583	1.91	99	2.35	96	2.37	94	2.25	64	1.26	77	1.36	82	1.76	52	1.14	38	0.67	38	0.82	32	0.65
O1-O3	2,799	9.16	467	11.09	403	9.95	413	9.86	431	8.46	394	6.97	447	9.62	436	9.52	545	9.58	477	10.29	474	9.66
O4-O6+	3,911	12.79	704	16.71	706	17.44	795	18.99	908	17.82	853	15.10	838	18.03	874	19.09	854	15.01	632	13.64	681	13.88
Unknown	1,205	3.94	170	4.04	185	4.57	209	4.99	249	4.89	253	4.48	321	6.91	263	5.74	256	4.50	241	5.20	212	4.32

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

Table 6. US Navy and Marine Corps: Demographic characteristics of patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	29,913	100.00	4,354	100.00	3,831	100.00	3,958	100.00	4,900	100.00	5,133	100.00	4,772	100.00	4,606	100.00	5,571	100.00	6,038	100.00	6,372	100.00
Age																						
<18	17	0.06	5	0.11	1	0.03	3	0.08	3	0.06	4	0.08	-	-	-	-	-	-	1	0.02	-	-
18-25	12,629	42.22	1,947	44.72	1,413	36.88	1,505	38.02	1,666	34.00	1,681	32.75	1,424	29.84	1,346	29.22	1,865	33.48	2,143	35.49	2,124	33.33
26-30	4,409	14.74	564	12.95	606	15.82	599	15.13	712	14.53	750	14.61	728	15.26	636	13.81	810	14.54	885	14.66	1,012	15.88
31-40	8,570	28.65	1,173	26.94	1,144	29.86	1,159	29.28	1,555	31.73	1,643	32.01	1,635	34.26	1,595	34.63	1,790	32.13	1,860	30.80	1,984	31.14
41-64	4,257	14.23	663	15.23	665	17.36	688	17.38	953	19.45	1,051	20.48	981	20.56	1,026	22.28	1,104	19.82	1,147	19.00	1,249	19.60
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	31	0.10	2	0.05	2	0.05	4	0.10	11	0.22	4	0.08	4	0.08	3	0.07	2	0.04	2	0.03	3	0.05
Sex																						
Male	26,408	88.28	3,795	87.16	3,400	88.75	3,583	90.53	4,452	90.86	4,680	91.17	4,326	90.65	4,114	89.32	4,966	89.14	5,320	88.11	5,615	88.12
Female	3,500	11.70	558	12.82	430	11.22	375	9.47	447	9.12	452	8.81	445	9.33	491	10.66	605	10.86	717	11.87	757	11.88
Unknown	5	0.02	1	0.02	1	0.03	-	-	1	0.02	1	0.02	1	0.02	1	0.02	-	-	1	0.02	-	-
Rank																						
E1-E3	5,866	19.61	1,146	26.32	468	12.22	540	13.64	675	13.78	679	13.23	525	11.00	555	12.05	928	16.66	1,073	17.77	1,035	16.24
E4-E6	11,195	37.43	1,138	26.14	1,355	35.37	1,343	33.93	1,657	33.82	1,815	35.36	1,648	34.53	1,658	36.00	2,065	37.07	2,342	38.79	2,586	40.58
E7-E9	2,035	6.80	263	6.04	271	7.07	232	5.86	347	7.08	343	6.68	348	7.29	334	7.25	435	7.81	437	7.24	503	7.89
W1-W3	159	0.53	19	0.44	21	0.55	21	0.53	21	0.43	28	0.55	36	0.75	28	0.61	29	0.52	28	0.46	27	0.42
W4-W5	30	0.10	5	0.11	2	0.05	5	0.13	7	0.14	6	0.12	2	0.04	3	0.07	5	0.09	11	0.18	10	0.16
Cadet	436	1.46	105	2.41	79	2.06	59	1.49	45	0.92	46	0.90	33	0.69	39	0.85	31	0.56	31	0.51	31	0.49
O1-O3	4,208	14.07	729	16.74	721	18.82	764	19.30	790	16.12	756	14.73	721	15.11	542	11.77	603	10.82	679	11.25	687	10.78
O4-O6+	4,675	15.63	788	18.10	718	18.74	757	19.13	1,070	21.84	1,129	21.99	1,086	22.76	1,123	24.38	1,111	19.94	1,093	18.10	1,161	18.22
Unknown	1,309	4.38	161	3.70	196	5.12	237	5.99	288	5.88	331	6.45	373	7.82	324	7.03	364	6.53	344	5.70	332	5.21

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

Table 7. Demographic characteristics of other service member patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	1,662	100.00	283	100.00	321	100.00	322	100.00	316	100.00	326	100.00	298	100.00	295	100.00	393	100.00	252	100.00	271	100.00
Age																						
<18	1	0.06	-	-	1	0.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18-25	527	31.71	71	25.09	74	23.13	99	30.75	86	27.22	82	25.15	84	28.19	72	24.41	118	30.03	58	23.02	68	25.09
26-30	249	14.98	42	14.84	42	13.13	42	13.04	51	16.14	69	21.17	67	22.48	56	18.98	60	15.27	51	20.24	39	14.39
31-40	491	29.54	101	35.69	112	35.00	105	32.61	111	35.13	108	33.13	91	30.54	97	32.88	128	32.57	93	36.90	104	38.38
41-64	390	23.47	69	24.38	91	28.44	75	23.29	68	21.52	67	20.55	56	18.79	67	22.71	86	21.88	50	19.84	60	22.14
65+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	4	0.24	-	-	-	-	1	0.31	-	-	-	-	-	-	3	1.02	1	0.25	-	-	-	-
Sex																						
Male	1,391	83.69	234	82.69	260	81.00	269	83.54	272	86.08	287	88.04	256	85.91	249	84.41	328	83.46	226	89.68	236	87.08
Female	271	16.31	49	17.31	61	19.00	53	16.46	44	13.92	39	11.96	42	14.09	46	15.59	65	16.54	26	10.32	35	12.92
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rank																						
E1-E3	241	14.50	37	13.07	36	11.25	46	14.29	36	11.39	43	13.19	31	10.40	19	6.44	35	8.91	23	9.13	33	12.18
E4-E6	603	36.28	111	39.22	104	32.50	116	36.02	131	41.46	134	41.10	138	46.31	123	41.69	167	42.49	106	42.06	103	38.01
E7-E9	108	6.50	18	6.36	21	6.56	19	5.90	29	9.18	24	7.36	17	5.70	20	6.78	34	8.65	21	8.33	15	5.54
W1-W3	36	2.17	3	1.06	5	1.56	9	2.80	6	1.90	9	2.76	6	2.01	7	2.37	8	2.04	6	2.38	8	2.95
W4-W5	7	0.42	1	0.35	-	-	2	0.62	2	0.63	1	0.31	2	0.67	2	0.68	5	1.27	2	0.79	1	0.37
Cadet	31	1.87	3	1.06	7	2.19	4	1.24	2	0.63	3	0.92	5	1.68	7	2.37	5	1.27	1	0.40	1	0.37
O1-O3	295	17.75	60	21.20	67	20.94	58	18.01	50	15.82	54	16.56	46	15.44	54	18.31	71	18.07	43	17.06	49	18.08
O4-O6+	237	14.26	35	12.37	51	15.94	43	13.35	44	13.92	47	14.42	43	14.43	51	17.29	44	11.20	39	15.48	50	18.45
Unknown	104	6.26	15	5.30	29	9.06	25	7.76	16	5.06	11	3.37	10	3.36	12	4.07	24	6.11	11	4.37	11	4.06

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. Other uniformed US service members consists of United States Coast Guard and National Oceanic and Atmospheric Administration, and the Public Health Service.

Table 8. Demographics of US Air Force service member dependents and retirees accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	132,589	100.00	41,258	100.00	38,557	100.00	36,675	100.00	33,468	100.00	31,035	100.00	27,916	100.00	26,054	100.00	22,808	100.00	20,983	100.00	22,491	100.00
Age																						
<18	45,924	34.64	15,049	36.48	13,204	34.25	11,340	30.92	9,820	29.34	8,665	27.92	7,295	26.13	6,420	24.64	4,985	21.86	4,274	20.37	4,798	21.33
18-25	28,318	21.36	6,691	16.22	6,367	16.51	6,486	17.69	5,929	17.72	5,644	18.19	5,241	18.77	4,659	17.88	4,054	17.77	3,818	18.20	4,023	17.89
26-30	12,006	9.06	3,649	8.84	3,610	9.36	3,676	10.02	3,506	10.48	3,475	11.20	3,197	11.45	3,053	11.72	2,812	12.33	2,633	12.55	2,814	12.51
31-40	22,618	17.06	9,237	22.39	8,603	22.31	8,258	22.52	7,362	22.00	6,775	21.83	6,276	22.48	5,735	22.01	5,204	22.82	4,844	23.09	5,229	23.25
41-64	22,419	16.91	6,356	15.41	6,562	17.02	6,688	18.24	6,622	19.79	6,224	20.05	5,700	20.42	5,983	22.96	5,568	24.41	5,249	25.02	5,403	24.02
65+	1,291	0.97	272	0.66	208	0.54	224	0.61	228	0.68	250	0.81	207	0.74	203	0.78	185	0.81	165	0.79	224	1.00
Unknown	13	0.01	4	0.01	3	0.01	3	0.01	1	0.00	2	0.01	-	-	1	0.00	-	-	-	-	-	-
Sex																						
Male	41,925	31.62	11,690	28.33	10,636	27.59	10,229	27.89	9,562	28.57	8,794	28.34	7,597	27.21	7,596	29.15	6,580	28.85	6,035	28.76	6,257	27.82
Female	90,661	68.38	29,567	71.66	27,919	72.41	26,446	72.11	23,906	71.43	22,241	71.66	20,319	72.79	18,458	70.85	16,228	71.15	14,948	71.24	16,234	72.18
Unknown	3	0.00	1	0.00	2	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	42	0.03	4	0.01	4	0.01	6	0.02	9	0.03	6	0.02	4	0.01	6	0.02	11	0.05	7	0.03	14	0.06
E4-E6	2,705	2.04	439	1.06	445	1.15	579	1.58	673	2.01	628	2.02	574	2.06	621	2.38	663	2.91	591	2.82	593	2.64
E7-E9	5,247	3.96	892	2.16	920	2.39	1,202	3.28	1,362	4.07	1,301	4.19	1,175	4.21	1,287	4.94	1,402	6.15	1,335	6.36	1,360	6.05
Cadet	7	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0.03
O1-O3	219	0.17	40	0.10	57	0.15	71	0.19	47	0.14	49	0.16	37	0.13	53	0.20	44	0.19	33	0.16	44	0.20
O4-O6+	1,250	0.94	307	0.74	351	0.91	370	1.01	357	1.07	347	1.12	245	0.88	508	1.95	297	1.30	262	1.25	264	1.17
Unknown	123,119	92.86	39,576	95.92	36,780	95.39	34,447	93.93	31,020	92.69	28,704	92.49	25,881	92.71	23,579	90.50	20,391	89.40	18,755	89.38	20,209	89.85

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

Table 9. Demographic characteristics of non-Air Force service member dependents and retirees accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	19,537	100.00	3,545	100.00	3,647	100.00	3,509	100.00	3,346	100.00	3,322	100.00	3,167	100.00	3,064	100.00	2,116	100.00	2,017	100.00	2,347	100.00
Age																						
<18	4,827	24.71	1,076	30.35	993	27.23	873	24.88	773	23.10	758	22.82	718	22.67	637	20.79	285	13.47	280	13.88	434	18.49
18-25	3,916	20.04	587	16.56	675	18.51	622	17.73	538	16.08	480	14.45	481	15.19	505	16.48	402	19.00	413	20.48	476	20.28
26-30	1,326	6.79	235	6.63	244	6.69	250	7.12	206	6.16	181	5.45	200	6.32	162	5.29	148	6.99	158	7.83	156	6.65
31-40	3,082	15.78	613	17.29	609	16.70	617	17.58	580	17.33	493	14.84	474	14.97	440	14.36	354	16.73	340	16.86	390	16.62
41-64	5,799	29.68	925	26.09	1,017	27.89	1,065	30.35	1,163	34.76	1,318	39.67	1,219	38.49	1,259	41.09	857	40.50	767	38.03	810	34.51
65+	584	2.99	108	3.05	109	2.99	81	2.31	86	2.57	92	2.77	75	2.37	61	1.99	69	3.26	59	2.93	81	3.45
Unknown	3	0.02	1	0.03	-	-	1	0.03	-	-	-	-	-	-	-	-	1	0.05	-	-	-	-
Sex																						
Male	7,173	36.71	1,252	35.32	1,212	33.23	1,181	33.66	1,253	37.45	1,348	40.58	1,170	36.94	1,248	40.73	883	41.73	819	40.60	883	37.62
Female	12,363	63.28	2,293	64.68	2,435	66.77	2,328	66.34	2,093	62.55	1,973	59.39	1,997	63.06	1,816	59.27	1,233	58.27	1,198	59.40	1,464	62.38
Unknown	1	0.01	-	-	-	-	-	-	-	-	1	0.03	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	47	0.24	8	0.23	4	0.11	5	0.14	1	0.03	2	0.06	4	0.13	9	0.29	5	0.24	5	0.25	16	0.68
E4-E6	868	4.44	92	2.60	112	3.07	88	2.51	117	3.50	139	4.18	132	4.17	135	4.41	143	6.76	144	7.14	142	6.05
E7-E9	1,385	7.09	184	5.19	168	4.61	193	5.50	241	7.20	287	8.64	231	7.29	265	8.65	268	12.67	206	10.21	205	8.73
W1-W3	123	0.63	19	0.54	20	0.55	23	0.66	29	0.87	32	0.96	28	0.88	27	0.88	26	1.23	17	0.84	19	0.81
W4-W5	77	0.39	18	0.51	20	0.55	25	0.71	23	0.69	28	0.84	26	0.82	30	0.98	18	0.85	14	0.69	20	0.85
Cadet	1	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.04
O1-O3	80	0.41	13	0.37	16	0.44	11	0.31	18	0.54	17	0.51	9	0.28	12	0.39	11	0.52	6	0.30	11	0.47
O4-O6+	422	2.16	88	2.48	99	2.71	123	3.51	142	4.24	166	5.00	128	4.04	153	4.99	62	2.93	50	2.48	54	2.30
Unknown	16,534	84.63	3,123	88.10	3,208	87.96	3,041	86.66	2,775	82.93	2,651	79.80	2,609	82.38	2,433	79.41	1,583	74.81	1,575	78.09	1,879	80.06
Sponsor Service^a																						
USA	11,441	58.56	2,095	59.10	2,164	59.34	2,206	62.87	2,072	61.92	2,061	62.04	1,966	62.08	1,943	63.41	1,274	60.21	1,188	58.90	1,376	58.63
USN/USMC	7,626	39.03	1,370	38.65	1,413	38.74	1,246	35.51	1,217	36.37	1,204	36.24	1,137	35.90	1,058	34.53	779	36.81	766	37.98	908	38.69
Other	470	2.41	80	2.26	70	1.92	57	1.62	57	1.70	57	1.72	64	2.02	63	2.06	63	2.98	63	3.12	63	2.68
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^a USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 10. Demographics of other patients (other US service members or non-dependents) accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	60,801	100.00	10,319	100.00	9,185	100.00	10,059	100.00	10,140	100.00	9,591	100.00	9,236	100.00	9,961	100.00	9,640	100.00	9,359	100.00	9,356	100.00
Age																						
<18	3,513	5.78	902	8.74	628	6.84	560	5.57	439	4.33	342	3.57	225	2.44	292	2.93	241	2.50	229	2.45	209	2.23
18-25	16,880	27.76	2,738	26.53	2,399	26.12	2,326	23.12	2,181	21.51	1,955	20.38	1,967	21.30	2,101	21.09	1,929	20.01	1,817	19.41	1,832	19.58
26-30	6,270	10.31	874	8.47	841	9.16	844	8.39	903	8.91	941	9.81	1,007	10.90	1,032	10.36	1,007	10.45	1,055	11.27	1,093	11.68
31-40	12,981	21.35	2,249	21.79	1,950	21.23	2,313	22.99	2,235	22.04	2,239	23.34	2,217	24.00	2,354	23.63	2,340	24.27	2,256	24.11	2,287	24.44
41-64	20,294	33.38	3,412	33.07	3,252	35.41	3,865	38.42	4,237	41.79	3,974	41.43	3,704	40.10	4,039	40.55	3,986	41.35	3,865	41.30	3,791	40.52
65+	713	1.17	93	0.90	73	0.79	116	1.15	113	1.11	124	1.29	107	1.16	133	1.34	133	1.38	132	1.41	142	1.52
Unknown	150	0.25	51	0.49	42	0.46	35	0.35	32	0.32	16	0.17	9	0.10	10	0.10	4	0.04	5	0.05	2	0.02
Sex																						
Male	44,385	73.00	7,988	77.41	7,092	77.21	7,787	77.41	7,960	78.50	7,357	76.71	7,155	77.47	7,746	77.76	7,517	77.98	7,167	76.58	7,177	76.71
Female	16,401	26.97	2,329	22.57	2,093	22.79	2,269	22.56	2,180	21.50	2,234	23.29	2,076	22.48	2,214	22.23	2,120	21.99	2,190	23.40	2,178	23.28
Unknown	15	0.02	2	0.02	-	-	3	0.03	-	-	-	-	5	0.05	1	0.01	3	0.03	2	0.02	1	0.01
Sponsor Rank																						
E1-E3	206	0.34	24	0.23	15	0.16	28	0.28	28	0.28	27	0.28	26	0.28	28	0.28	39	0.40	36	0.38	39	0.42
E4-E6	1,581	2.60	268	2.60	260	2.83	298	2.96	358	3.53	360	3.75	336	3.64	361	3.62	324	3.36	367	3.92	421	4.50
E7-E9	555	0.91	107	1.04	95	1.03	101	1.00	137	1.35	151	1.57	122	1.32	101	1.01	143	1.48	152	1.62	148	1.58
W1-W3	28	0.05	5	0.05	4	0.04	9	0.09	6	0.06	5	0.05	4	0.04	7	0.07	7	0.07	5	0.05	8	0.09
W4-W5	10	0.02	-	-	-	-	1	0.01	5	0.05	4	0.04	3	0.03	4	0.04	4	0.04	2	0.02	4	0.04
Cadet	8	0.01	-	-	1	0.01	1	0.01	-	-	3	0.03	-	-	-	-	-	-	3	0.03	1	0.01
O1-O3	1,168	1.92	231	2.24	222	2.42	257	2.55	273	2.69	265	2.76	188	2.04	242	2.43	311	3.23	336	3.59	325	3.47
O4-O6+	504	0.83	112	1.09	112	1.22	129	1.28	190	1.87	203	2.12	138	1.49	173	1.74	180	1.87	202	2.16	243	2.60
Unknown	56,741	93.32	9,572	92.76	8,476	92.28	9,235	91.81	9,143	90.17	8,573	89.39	8,419	91.15	9,045	90.80	8,632	89.54	8,256	88.21	8,167	87.29
Service^a																						
USAF	3,947	6.49	954	9.25	800	8.71	609	6.05	635	6.26	687	7.16	511	5.53	692	6.95	657	6.82	626	6.69	794	8.49
USA	1,233	2.03	166	1.61	153	1.67	167	1.66	129	1.27	138	1.44	98	1.06	169	1.70	164	1.70	148	1.58	194	2.07
USN/USMC	493	0.81	85	0.82	75	0.82	58	0.58	54	0.53	63	0.66	50	0.54	67	0.67	73	0.76	53	0.57	59	0.63
Other	54,808	90.14	9,113	88.31	8,154	88.78	9,219	91.65	9,282	91.54	8,544	89.08	8,551	92.58	9,004	90.39	8,728	90.54	8,380	89.54	8,304	88.76
Unknown	320	0.53	1	0.01	3	0.03	6	0.06	40	0.39	159	1.66	26	0.28	29	0.29	18	0.19	152	1.62	5	0.05

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01.

^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 11. Demographics of the patient population seen at Flight and Operational Medicine Clinic at eleven US Air Force Major Commands, 2012.

Demographic	Major Command*																							
	Overall		ACC		AETC		AFDW		AFGSC		AFMC		AFSOC		AFSPC		AMC		PACAF		USAFA		USAFE	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	196,227	100.00	41,092	100.00	27,512	100.00	7,333	100.00	15,513	100.00	22,676	100.00	6,296	100.00	8,968	100.00	32,749	100.00	16,362	100.00	5,597	100.00	12,129	100.00
Age																								
<18	5,599	2.85	787	1.92	779	2.83	186	2.54	240	1.55	303	1.34	54	0.86	407	4.54	793	2.42	849	5.19	154	2.75	1,047	8.63
18-25	76,201	38.83	15,682	38.16	14,613	53.12	1,104	15.06	7,981	51.45	7,633	33.66	2,199	34.93	2,183	24.34	10,992	33.56	5,238	32.01	4,640	82.90	3,936	32.45
26-30	33,190	16.91	7,839	19.08	3,619	13.15	752	10.26	2,560	16.50	3,995	17.62	1,369	21.74	1,549	17.27	6,253	19.09	3,053	18.66	96	1.72	2,105	17.36
31-40	50,981	25.98	11,369	27.67	4,978	18.09	2,463	33.59	3,203	20.65	6,790	29.94	1,931	30.67	2,738	30.53	9,131	27.88	4,734	28.93	376	6.72	3,268	26.94
41-64	29,789	15.18	5,317	12.94	3,460	12.58	2,772	37.80	1,512	9.75	3,914	17.26	738	11.72	2,065	23.03	5,504	16.81	2,429	14.85	324	5.79	1,754	14.46
65+	447	0.23	95	0.23	60	0.22	52	0.71	15	0.10	40	0.18	5	0.08	26	0.29	72	0.22	57	0.35	7	0.13	18	0.15
Unknown	20	0.01	3	0.01	3	0.01	4	0.05	2	0.01	1	0.00	-	-	-	-	4	0.01	2	0.01	-	0.00	1	0.01
Sex																								
Male	151,348	77.13	32,405	78.86	21,369	77.67	5,343	72.86	12,693	81.82	17,905	78.96	5,294	84.09	6,531	72.83	24,942	76.16	12,195	74.53	4,222	75.43	8,449	69.66
Female	44,877	22.87	8,687	21.14	6,142	22.32	1,990	27.14	2,820	18.18	4,771	21.04	1,002	15.91	2,437	27.17	7,807	23.84	4,166	25.46	1,375	24.57	3,680	30.34
Unknown	2	0.00	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1	0.01	-	-	-	-
Sponsor Rank																								
E1-E3	33,134	16.89	6,556	15.95	9,253	33.63	212	2.89	4,077	26.28	3,062	13.50	878	13.95	678	7.56	4,562	13.93	1,918	11.72	364	6.50	1,574	12.98
E4-E6	67,045	34.17	17,832	43.40	4,242	15.42	1,839	25.08	6,073	39.15	8,713	38.42	2,313	36.74	2,431	27.11	12,871	39.30	6,359	38.86	286	5.11	4,086	33.69
E7-E9	14,603	7.44	3,296	8.02	962	3.50	776	10.58	1,168	7.53	2,027	8.94	518	8.23	770	8.59	2,952	9.01	1,272	7.77	83	1.48	779	6.42
W1-W3	262	0.13	35	0.09	20	0.07	12	0.16	6	0.04	30	0.13	2	0.03	48	0.54	89	0.27	17	0.10	-	-	3	0.02
W4-W5	148	0.08	23	0.06	14	0.05	9	0.12	3	0.02	14	0.06	-	-	22	0.25	46	0.14	12	0.07	-	-	5	0.04
Cadet	3,980	2.03	126	0.31	151	0.55	7	0.10	29	0.19	70	0.31	-	-	14	0.16	52	0.16	1	0.01	3,526	63.00	4	0.03
O1-O3	24,720	12.60	4,252	10.35	5,374	19.53	405	5.52	1,804	11.63	3,015	13.30	1,225	19.46	1,372	15.30	3,891	11.88	1,632	9.97	767	13.70	983	8.10
O4-O6+	18,578	9.47	3,503	8.52	2,431	8.84	2,121	28.92	790	5.09	2,429	10.71	683	10.85	1,059	11.81	3,028	9.25	1,124	6.87	330	5.90	1,080	8.90
Unknown	33,757	17.20	5,469	13.31	5,065	18.41	1,952	26.62	1,563	10.08	3,316	14.62	677	10.75	2,574	28.70	5,258	16.06	4,027	24.61	241	4.31	3,615	29.80
Sponsor Service*																								
USAF	173,770	88.56	38,206	92.98	24,202	87.97	5,898	80.43	15,068	97.13	20,031	88.34	6,194	98.38	6,620	73.82	28,075	85.73	12,790	78.17	5,408	96.62	11,278	92.98
USA	6,475	3.30	649	1.58	529	1.92	424	5.78	129	0.83	761	3.36	29	0.46	956	10.66	2,113	6.45	451	2.76	59	1.05	375	3.09
USN/USMC	7,339	3.74	803	1.95	855	3.11	739	10.08	40	0.26	717	3.16	22	0.35	573	6.39	1,339	4.09	2,115	12.93	23	0.41	113	0.93
Other	8,638	4.40	1,434	3.49	1,924	6.99	272	3.71	276	1.78	1,165	5.14	51	0.81	819	9.13	1,222	3.73	1,005	6.14	107	1.91	363	2.99
Unknown	5	0.00	-	-	2	0.01	-	-	-	-	2	0.01	-	-	-	-	-	-	1	0.01	-	-	-	-

Note: The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually.

* ACC=Air Combat Command; AETC=Air Education and Training Command; AFDW=Air Force District Washington; AFGSC=Air Force Global Strike Command; AFMC=Air Force Materiel Command; AFSOC=Air Force Special Operations Command; AFSPC=Air Force Space Command; AMC=Air Mobility Command; PACAF=Pacific Air Forces; USAFA=US Air Force Academy; USAFE=Air Force in Europe; USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 12. Demographics of the patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Education and Training Command (AETC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	143,611	100.00	29,703	100.00	28,963	100.00	29,418	100.00	31,494	100.00	28,216	100.00	25,594	100.00	26,225	100.00	31,887	100.00	26,792	100.00	27,512	100.00
Age																						
<18	7,854	5.47	1,668	5.62	1,624	5.61	2,029	6.90	1,899	6.03	1,614	5.72	1,376	5.38	1,170	4.46	584	1.83	459	1.71	779	2.83
18-25	85,480	59.52	13,939	46.93	13,065	45.11	12,225	41.56	14,000	44.45	12,713	45.06	11,280	44.07	12,322	46.99	17,741	55.64	14,451	53.94	14,613	53.12
26-30	13,574	9.45	3,441	11.58	3,495	12.07	3,682	12.52	3,880	12.32	3,641	12.90	3,486	13.62	3,467	13.22	3,801	11.92	3,438	12.83	3,619	13.15
31-40	20,422	14.22	6,759	22.76	6,406	22.12	6,558	22.29	6,315	20.05	5,687	20.16	5,353	20.92	5,154	19.65	5,644	17.70	4,966	18.54	4,978	18.09
41-64	15,450	10.76	3,766	12.68	4,228	14.60	4,757	16.17	5,216	16.56	4,420	15.66	4,028	15.74	4,034	15.38	4,039	12.67	3,420	12.77	3,460	12.58
65+	612	0.43	89	0.30	80	0.28	113	0.38	135	0.43	113	0.40	67	0.26	66	0.25	66	0.21	50	0.19	60	0.22
Unknown	219	0.15	41	0.14	65	0.22	54	0.18	49	0.16	28	0.10	4	0.02	12	0.05	12	0.04	8	0.03	3	0.01
Sex																						
Male	106,046	73.84	21,941	73.87	21,320	73.61	21,375	72.66	23,301	73.99	20,749	73.54	19,077	74.54	19,804	75.52	24,567	77.04	20,947	78.18	21,369	77.67
Female	37,551	26.15	7,758	26.12	7,642	26.39	8,038	27.32	8,193	26.01	7,466	26.46	6,517	25.46	6,419	24.48	7,318	22.95	5,844	21.81	6,142	22.32
Unknown	14	0.01	4	0.01	1	0.00	5	0.02	-	-	1	0.00	-	-	2	0.01	2	0.01	1	0.00	1	0.00
Sponsor Rank																						
E1-E3	57,178	39.81	6,812	22.93	5,627	19.43	5,189	17.64	6,645	21.10	5,610	19.88	5,110	19.97	5,882	22.43	11,266	35.33	9,023	33.68	9,253	33.63
E4-E6	18,367	12.79	4,611	15.52	4,498	15.53	4,640	15.77	5,001	15.88	4,424	15.68	3,774	14.75	3,766	14.36	4,457	13.98	4,379	16.34	4,242	15.42
E7-E9	4,701	3.27	1,201	4.04	1,203	4.15	1,244	4.23	1,367	4.34	1,111	3.94	1,032	4.03	924	3.52	1,139	3.57	935	3.49	962	3.50
W1-W3	150	0.10	28	0.09	28	0.10	38	0.13	20	0.06	32	0.11	42	0.16	39	0.15	47	0.15	28	0.10	20	0.07
W4-W5	63	0.04	13	0.04	16	0.06	21	0.07	24	0.08	17	0.06	21	0.08	19	0.07	17	0.05	15	0.06	14	0.05
Cadet	4,943	3.44	1,027	3.46	1,310	4.52	768	2.61	1,090	3.46	750	2.66	333	1.30	280	1.07	295	0.93	151	0.56	151	0.55
O1-O3	14,184	9.88	5,556	18.71	5,536	19.11	5,598	19.03	5,589	17.75	5,486	19.44	5,445	21.27	5,447	20.77	5,814	18.23	5,444	20.32	5,374	19.53
O4-O6+	5,500	3.83	2,874	9.68	2,934	10.13	2,874	9.77	2,861	9.08	2,642	9.36	2,535	9.90	2,629	10.02	2,678	8.40	2,487	9.28	2,431	8.84
Unknown	38,525	26.83	7,581	25.52	7,811	26.97	9,046	30.75	8,897	28.25	8,144	28.86	7,302	28.53	7,239	27.60	6,174	19.36	4,330	16.16	5,065	18.41
Sponsor Service^a																						
USAF	117,105	81.54	25,318	85.24	24,982	86.25	24,950	84.81	27,016	85.78	24,120	85.48	21,777	85.09	22,730	86.67	28,322	88.82	23,567	87.96	24,202	87.97
USA	4,774	3.32	574	1.93	735	2.54	745	2.53	779	2.47	717	2.54	756	2.95	665	2.54	661	2.07	529	1.97	529	1.92
USN/USMC	6,323	4.40	1,521	5.12	865	2.99	854	2.90	778	2.47	758	2.69	705	2.75	657	2.51	880	2.76	842	3.14	855	3.11
Other	15,220	10.60	2,289	7.71	2,380	8.22	2,868	9.75	2,886	9.16	2,468	8.75	2,345	9.16	2,154	8.21	2,015	6.32	1,841	6.87	1,924	6.99
Unknown	189	0.13	1	0.00	1	0.00	1	0.00	35	0.11	153	0.54	11	0.04	19	0.07	9	0.03	13	0.05	2	0.01

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. FOMCs at the following installations were included: Lackland, Keesler, Luke, Randolph, Sheppard, Columbus, Maxwell, Tyndall, Laughlin, Vance, and Goodfellow.

^a USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 13. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Mobility Command (AMC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	123,111	100.00	32,540	100.00	31,741	100.00	30,754	100.00	33,665	100.00	32,567	100.00	29,824	100.00	32,256	100.00	42,480	100.00	31,916	100.00	32,749	100.00
Age																						
<18	10,373	8.43	3,301	10.14	2,949	9.29	2,265	7.36	2,008	5.96	1,775	5.45	1,401	4.70	1,230	3.81	751	1.77	735	2.30	793	2.42
18-25	45,369	36.85	9,386	28.84	9,059	28.54	9,199	29.91	10,759	31.96	10,426	32.01	9,210	30.88	9,976	30.93	14,807	34.86	10,800	33.84	10,992	33.56
26-30	14,861	12.07	4,078	12.53	4,182	13.18	4,416	14.36	5,032	14.95	4,924	15.12	4,638	15.55	5,248	16.27	7,323	17.24	5,925	18.56	6,253	19.09
31-40	30,109	24.46	9,809	30.14	9,289	29.26	8,941	29.07	9,458	28.09	9,099	27.94	8,493	28.48	9,121	28.28	12,056	28.38	8,946	28.03	9,131	27.88
41-64	21,937	17.82	5,881	18.07	6,180	19.47	5,843	19.00	6,341	18.84	6,275	19.27	6,024	20.20	6,618	20.52	7,485	17.62	5,459	17.10	5,504	16.81
65+	372	0.30	65	0.20	62	0.20	70	0.23	52	0.15	58	0.18	53	0.18	57	0.18	47	0.11	45	0.14	72	0.22
Unknown	90	0.07	20	0.06	20	0.06	20	0.07	15	0.04	10	0.03	5	0.02	6	0.02	11	0.03	6	0.02	4	0.01
Sex																						
Male	87,483	71.06	23,010	70.71	22,165	69.83	22,245	72.33	25,103	74.57	24,394	74.90	22,453	75.29	24,377	75.57	32,681	76.93	24,584	77.03	24,942	76.16
Female	35,623	28.94	9,530	29.29	9,575	30.17	8,508	27.66	8,561	25.43	8,172	25.09	7,370	24.71	7,879	24.43	9,799	23.07	7,332	22.97	7,807	23.84
Unknown	5	0.00	-	-	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	21,703	17.63	3,511	10.79	3,341	10.53	3,083	10.02	3,795	11.27	3,726	11.44	3,361	11.27	3,870	12.00	6,584	15.50	4,639	14.54	4,562	13.93
E4-E6	37,682	30.61	8,868	27.25	8,595	27.08	9,288	30.20	11,163	33.16	10,884	33.42	9,672	32.43	11,034	34.21	17,275	40.67	12,289	38.50	12,871	39.30
E7-E9	10,046	8.16	2,555	7.85	2,602	8.20	2,474	8.04	2,785	8.27	2,862	8.79	2,757	9.24	3,047	9.45	4,506	10.61	2,917	9.14	2,952	9.01
W1-W3	464	0.38	93	0.29	64	0.20	100	0.33	114	0.34	109	0.33	122	0.41	93	0.29	104	0.24	84	0.26	89	0.27
W4-W5	176	0.14	50	0.15	41	0.13	39	0.13	51	0.15	53	0.16	55	0.18	79	0.24	57	0.13	56	0.18	46	0.14
Cadet	1,302	1.06	338	1.04	328	1.03	284	0.92	159	0.47	110	0.34	101	0.34	77	0.24	57	0.13	67	0.21	52	0.16
O1-O3	8,205	6.66	3,607	11.08	3,672	11.57	3,901	12.68	4,162	12.36	3,950	12.13	3,668	12.30	3,876	12.02	4,557	10.73	3,919	12.28	3,891	11.88
O4-O6+	8,941	7.26	3,562	10.95	3,557	11.21	3,427	11.14	3,629	10.78	3,538	10.86	3,420	11.47	3,646	11.30	3,706	8.72	2,940	9.21	3,028	9.25
Unknown	34,592	28.10	9,956	30.60	9,541	30.06	8,158	26.53	7,807	23.19	7,335	22.52	6,668	22.36	6,534	20.26	5,634	13.26	5,005	15.68	5,258	16.06
Sponsor Service^a																						
USAF	91,885	74.64	27,989	86.01	27,468	86.54	26,239	85.32	28,260	83.94	27,214	83.56	24,700	82.82	26,629	82.56	36,111	85.01	27,095	84.89	28,075	85.73
USA	14,516	11.79	2,248	6.91	2,233	7.04	2,430	7.90	2,663	7.91	2,688	8.25	2,669	8.95	2,959	9.17	3,394	7.99	2,157	6.76	2,113	6.45
USN/USMC	8,926	7.25	1,014	3.12	971	3.06	994	3.23	1,641	4.87	1,579	4.85	1,469	4.93	1,550	4.81	1,685	3.97	1,394	4.37	1,339	4.09
Other	7,748	6.29	1,289	3.96	1,069	3.37	1,089	3.54	1,101	3.27	1,086	3.33	985	3.30	1,116	3.46	1,287	3.03	1,232	3.86	1,222	3.73
Unknown	36	0.03	-	-	-	-	2	0.01	-	-	-	-	1	0.00	2	0.01	3	0.01	38	0.12	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: MacDill, Travis, McGuire, McConnell, Charleston, Dover, Scott, Pope, McChord, Little Rock, Fairchild, and Grandforks. ^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 14. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinics (FOMC) in the Air Combat Command (ACC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	117,745	100.00	30,330	100.00	31,172	100.00	30,319	100.00	30,131	100.00	30,032	100.00	30,436	100.00	33,059	100.00	34,208	100.00	42,447	100.00	41,092	100.00
Age																						
<18	10,177	8.64	3,705	12.22	3,506	11.25	2,809	9.26	2,368	7.86	2,009	6.69	1,658	5.45	1,449	4.38	1,187	3.47	1,010	2.38	787	1.92
18-25	52,869	44.90	10,445	34.44	10,884	34.92	10,968	36.18	11,092	36.81	11,123	37.04	11,666	38.33	12,913	39.06	13,103	38.30	16,437	38.72	15,682	38.16
26-30	14,440	12.26	3,800	12.53	4,122	13.22	4,294	14.16	4,494	14.91	4,880	16.25	5,345	17.56	5,745	17.38	6,132	17.93	7,738	18.23	7,839	19.08
31-40	23,888	20.29	7,807	25.74	7,736	24.82	7,481	24.67	7,453	24.74	7,456	24.83	7,546	24.79	8,276	25.03	8,986	26.27	11,584	27.29	11,369	27.67
41-64	15,840	13.45	4,478	14.76	4,822	15.47	4,670	15.40	4,626	15.35	4,463	14.86	4,158	13.66	4,619	13.97	4,736	13.84	5,594	13.18	5,317	12.94
65+	437	0.37	78	0.26	75	0.24	76	0.25	71	0.24	82	0.27	49	0.16	50	0.15	60	0.18	77	0.18	95	0.23
Unknown	94	0.08	17	0.06	27	0.09	21	0.07	27	0.09	19	0.06	14	0.05	7	0.02	4	0.01	7	0.02	3	0.01
Sex																						
Male	83,492	70.91	21,146	69.72	21,883	70.20	21,574	71.16	22,126	73.43	22,428	74.68	23,176	76.15	25,588	77.40	26,749	78.20	33,179	78.17	32,405	78.86
Female	34,245	29.08	9,183	30.28	9,287	29.79	8,745	28.84	8,004	26.56	7,603	25.32	7,259	23.85	7,470	22.60	7,458	21.80	9,266	21.83	8,687	21.14
Unknown	8	0.01	1	0.00	2	0.01	-	-	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	2	0.00	-	-
Sponsor Rank																						
E1-E3	26,453	22.47	4,064	13.40	4,152	13.32	3,755	12.38	3,636	12.07	4,061	13.52	4,678	15.37	5,695	17.23	5,811	16.99	7,431	17.51	6,556	15.95
E4-E6	35,928	30.51	8,331	27.47	9,137	29.31	9,233	30.45	9,968	33.08	10,549	35.13	11,112	36.51	12,282	37.15	13,122	38.36	17,821	41.98	17,832	43.40
E7-E9	7,000	5.95	1,685	5.56	1,729	5.55	1,754	5.79	1,740	5.77	1,709	5.69	1,711	5.62	2,082	6.30	2,354	6.88	3,115	7.34	3,296	8.02
W1-W3	124	0.11	23	0.08	27	0.09	16	0.05	26	0.09	34	0.11	29	0.10	27	0.08	26	0.08	22	0.05	35	0.09
W4-W5	80	0.07	17	0.06	19	0.06	24	0.08	13	0.04	13	0.04	13	0.04	13	0.04	23	0.07	23	0.05	23	0.06
Cadet	1,326	1.13	257	0.85	257	0.82	223	0.74	384	1.27	138	0.46	117	0.38	115	0.35	112	0.33	95	0.22	126	0.31
O1-O3	7,085	6.02	3,389	11.17	3,581	11.49	3,792	12.51	3,645	12.10	3,318	11.05	3,217	10.57	3,554	10.75	3,841	11.23	4,419	10.41	4,252	10.35
O4-O6+	5,366	4.56	2,765	9.12	2,819	9.04	2,753	9.08	2,681	8.90	2,714	9.04	2,491	8.18	2,646	8.00	2,810	8.21	3,452	8.13	3,503	8.52
Unknown	34,383	29.20	9,799	32.31	9,451	30.32	8,769	28.92	8,038	26.68	7,496	24.96	7,068	23.22	6,645	20.10	6,109	17.86	6,069	14.30	5,469	13.31
Sponsor Service^a																						
USAF	102,613	87.15	27,957	92.18	28,953	92.88	28,148	92.84	28,086	93.21	27,934	93.01	28,053	92.17	30,381	91.90	31,541	92.20	39,442	92.92	38,206	92.98
USA	3,316	2.82	643	2.12	555	1.78	489	1.61	487	1.62	497	1.65	489	1.61	475	1.44	470	1.37	624	1.47	649	1.58
USN/USMC	2,836	2.41	391	1.29	403	1.29	419	1.38	355	1.18	399	1.33	372	1.22	395	1.19	591	1.73	811	1.91	803	1.95
Other	8,971	7.62	1,339	4.41	1,260	4.04	1,263	4.17	1,203	3.99	1,202	4.00	1,521	5.00	1,805	5.46	1,605	4.69	1,557	3.67	1,434	3.49
Unknown	9	0.01	-	-	1	0.00	-	-	-	-	-	-	1	0.00	3	0.01	1	0.00	13	0.03	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Nellis, Langley, Davis Monthan, Holloman, Ellsworth, Moody, Offutt, Shaw, Dyess, Mountain Home, Beale, and Seymour Johnson. ^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 15. Demographics of the patient population seen at Flight and Operational Medicine Clinics (FOMC) in the Pacific Air Forces (PACAF) Major Command, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	76,420	100.00	17,931	100.00	17,296	100.00	19,294	100.00	22,477	100.00	21,024	100.00	18,658	100.00	18,166	100.00	17,097	100.00	15,224	100.00	16,362	100.00
Age																						
<18	8,094	10.59	2,234	12.46	1,980	11.45	1,996	10.35	1,834	8.16	1,929	9.18	1,701	9.12	1,236	6.80	974	5.70	827	5.43	849	5.19
18-25	30,961	40.51	5,498	30.66	5,573	32.22	6,551	33.95	8,297	36.91	7,206	34.28	6,310	33.82	6,240	34.35	5,902	34.52	4,794	31.49	5,238	32.01
26-30	10,032	13.13	2,447	13.65	2,479	14.33	2,896	15.01	3,486	15.51	3,431	16.32	3,084	16.53	3,057	16.83	3,028	17.71	2,840	18.65	3,053	18.66
31-40	17,289	22.62	5,221	29.12	4,809	27.80	4,994	25.88	5,686	25.30	5,545	26.37	4,866	26.08	4,911	27.03	4,656	27.23	4,354	28.60	4,734	28.93
41-64	9,631	12.60	2,481	13.84	2,425	14.02	2,715	14.07	3,115	13.86	2,849	13.55	2,647	14.19	2,678	14.74	2,484	14.53	2,368	15.55	2,429	14.85
65+	270	0.35	41	0.23	21	0.12	30	0.16	40	0.18	53	0.25	44	0.24	42	0.23	48	0.28	37	0.24	57	0.35
Unknown	143	0.19	9	0.05	9	0.05	112	0.58	19	0.08	11	0.05	6	0.03	2	0.01	5	0.03	4	0.03	2	0.01
Sex																						
Male	51,619	67.55	11,575	64.55	11,361	65.69	13,418	69.54	16,310	72.56	15,116	71.90	13,212	70.81	13,377	73.64	12,732	74.47	11,288	74.15	12,195	74.53
Female	24,800	32.45	6,356	35.45	5,935	34.31	5,876	30.46	6,167	27.44	5,908	28.10	5,446	29.19	4,789	26.36	4,365	25.53	3,936	25.85	4,166	25.46
Unknown	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.01
Sponsor Rank																						
E1-E3	13,664	17.88	1,715	9.56	1,715	9.92	2,362	12.24	3,228	14.36	2,723	12.95	2,394	12.83	2,290	12.61	2,316	13.55	1,744	11.46	1,918	11.72
E4-E6	25,806	33.77	5,912	32.97	5,763	33.32	6,804	35.26	8,735	38.86	7,904	37.60	6,513	34.91	6,875	37.85	6,619	38.71	5,759	37.83	6,359	38.86
E7-E9	4,625	6.05	1,124	6.27	1,142	6.60	1,209	6.27	1,460	6.50	1,345	6.40	1,138	6.10	1,247	6.86	1,142	6.68	1,063	6.98	1,272	7.77
W1-W3	116	0.15	17	0.09	13	0.08	12	0.06	17	0.08	22	0.10	19	0.10	23	0.13	20	0.12	25	0.16	17	0.10
W4-W5	40	0.05	4	0.02	4	0.02	7	0.04	4	0.02	7	0.03	5	0.03	9	0.05	6	0.04	6	0.04	12	0.07
Cadet	116	0.15	13	0.07	64	0.37	37	0.19	18	0.08	27	0.13	33	0.18	10	0.06	31	0.18	11	0.07	1	0.01
O1-O3	3,901	5.10	1,659	9.25	1,686	9.75	1,773	9.19	1,860	8.28	1,838	8.74	1,589	8.52	1,588	8.74	1,553	9.08	1,529	10.04	1,632	9.97
O4-O6+	2,429	3.18	1,157	6.45	1,143	6.61	1,175	6.09	1,245	5.54	1,286	6.12	1,140	6.11	1,074	5.91	1,073	6.28	1,083	7.11	1,124	6.87
Unknown	25,723	33.66	6,330	35.30	5,766	33.34	5,915	30.66	5,910	26.29	5,872	27.93	5,827	31.23	5,050	27.80	4,337	25.37	4,004	26.30	4,027	24.61
Sponsor Service^a																						
USAF	58,961	77.15	15,450	86.16	15,096	87.28	16,919	87.69	19,559	87.02	17,899	85.14	15,328	82.15	14,976	82.44	14,056	82.21	12,002	78.84	12,790	78.17
USA	2,854	3.73	416	2.32	302	1.75	253	1.31	340	1.51	369	1.76	377	2.02	353	1.94	443	2.59	416	2.73	451	2.76
USN/USMC	8,033	10.51	1,058	5.90	960	5.55	951	4.93	1,256	5.59	1,579	7.51	1,689	9.05	1,540	8.48	1,491	8.72	1,775	11.66	2,115	12.93
Other	6,560	8.58	1,007	5.62	938	5.42	1,170	6.06	1,321	5.88	1,177	5.60	1,259	6.75	1,297	7.14	1,107	6.47	1,019	6.69	1,005	6.14
Unknown	12	0.02	-	-	-	-	1	0.01	1	0.00	-	-	5	0.03	-	-	-	-	12	0.08	1	0.01

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Elmendorf, Andersen, Kunsan, Misawa, Kadena, Eielson, Osan, Hickam, Yokota. ^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 16. Demographics of patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Force Materiel Command (AFMC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	75,021	100.00	22,217	100.00	21,187	100.00	20,430	100.00	18,198	100.00	17,292	100.00	15,792	100.00	15,178	100.00	22,112	100.00	22,866	100.00	22,676	100.00
Age																						
<18	4,208	5.61	1,827	8.22	1,318	6.22	922	4.51	644	3.54	443	2.56	367	2.32	443	2.92	334	1.51	245	1.07	303	1.34
18-25	28,592	38.11	6,659	29.97	6,469	30.53	6,607	32.34	5,790	31.82	5,040	29.15	4,679	29.63	4,392	28.94	7,654	34.61	7,947	34.75	7,633	33.66
26-30	9,678	12.90	2,717	12.23	2,696	12.72	2,774	13.58	2,736	15.03	2,700	15.61	2,451	15.52	2,294	15.11	3,639	16.46	3,910	17.10	3,995	17.62
31-40	18,292	24.38	6,672	30.03	6,257	29.53	5,830	28.54	5,321	29.24	4,979	28.79	4,569	28.93	4,434	29.21	6,160	27.86	6,707	29.33	6,790	29.94
41-64	13,892	18.52	4,256	19.16	4,368	20.62	4,215	20.63	3,659	20.11	4,069	23.53	3,644	23.07	3,545	23.36	4,286	19.38	4,008	17.53	3,914	17.26
65+	303	0.40	74	0.33	64	0.30	60	0.29	42	0.23	54	0.31	78	0.49	64	0.42	37	0.17	44	0.19	40	0.18
Unknown	56	0.07	12	0.05	15	0.07	22	0.11	6	0.03	7	0.04	4	0.03	6	0.04	2	0.01	5	0.02	1	0.00
Sex																						
Male	53,929	71.89	15,387	69.26	14,667	69.23	14,565	71.29	13,492	74.14	12,957	74.93	11,992	75.94	11,471	75.58	17,528	79.27	18,194	79.57	17,905	78.96
Female	21,089	28.11	6,828	30.73	6,519	30.77	5,865	28.71	4,706	25.86	4,335	25.07	3,800	24.06	3,707	24.42	4,584	20.73	4,672	20.43	4,771	21.04
Unknown	3	0.00	2	0.01	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	11,424	15.23	2,148	9.67	2,094	9.88	2,080	10.18	1,650	9.07	1,438	8.32	1,417	8.97	1,237	8.15	3,217	14.55	3,489	15.26	3,062	13.50
E4-E6	21,256	28.33	5,632	25.35	5,440	25.68	5,208	25.49	4,841	26.60	4,763	27.54	4,523	28.64	4,233	27.89	7,911	35.78	8,627	37.73	8,713	38.42
E7-E9	5,741	7.65	1,654	7.44	1,602	7.56	1,472	7.21	1,361	7.48	1,347	7.79	1,274	8.07	1,164	7.67	1,894	8.57	1,862	8.14	2,027	8.94
W1-W3	157	0.21	32	0.14	25	0.12	31	0.15	27	0.15	37	0.21	30	0.19	25	0.16	27	0.12	28	0.12	30	0.13
W4-W5	63	0.08	15	0.07	11	0.05	16	0.08	14	0.08	16	0.09	10	0.06	12	0.08	15	0.07	21	0.09	14	0.06
Cadet	1,519	2.02	435	1.96	297	1.40	280	1.37	170	0.93	150	0.87	194	1.23	123	0.81	133	0.60	53	0.23	70	0.31
O1-O3	7,609	10.14	2,952	13.29	2,786	13.15	3,045	14.90	3,264	17.94	2,966	17.15	2,397	15.18	2,322	15.30	2,852	12.90	3,121	13.65	3,015	13.30
O4-O6+	5,352	7.13	2,391	10.76	2,309	10.90	2,250	11.01	2,142	11.77	2,342	13.54	2,133	13.51	2,231	14.70	2,370	10.72	2,433	10.64	2,429	10.71
Unknown	21,900	29.19	6,958	31.32	6,623	31.26	6,048	29.60	4,729	25.99	4,233	24.48	3,814	24.15	3,831	25.24	3,693	16.70	3,232	14.13	3,316	14.62
Sponsor Service^a																						
USAF	58,238	77.63	19,198	86.41	18,014	85.02	16,928	82.86	14,894	81.84	14,502	83.87	13,430	85.04	12,919	85.12	19,568	88.49	20,358	89.03	20,031	88.34
USA	5,446	7.26	1,016	4.57	1,065	5.03	1,069	5.23	1,080	5.93	775	4.48	652	4.13	678	4.47	720	3.26	639	2.79	761	3.36
USN/USMC	4,360	5.81	864	3.89	865	4.08	996	4.88	870	4.78	661	3.82	507	3.21	457	3.01	570	2.58	672	2.94	717	3.16
Other	6,968	9.29	1,139	5.13	1,243	5.87	1,437	7.03	1,353	7.43	1,353	7.82	1,199	7.59	1,123	7.40	1,253	5.67	1,192	5.21	1,165	5.14
Unknown	9	0.01	-	-	-	-	-	-	1	0.01	1	0.01	4	0.03	1	0.01	1	0.00	5	0.02	2	0.01

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Eglin, Hill, Edwards, Tinker, Wright-Patterson, Hanscom, Kirtland, Robins, and Brooks City-Base.

^a USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 17. Demographics of patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Force Global Strike Command (AFGSC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	43,305	100.00	12,740	100.00	11,722	100.00	12,301	100.00	8,339	100.00	7,716	100.00	7,874	100.00	8,319	100.00	11,451	100.00	16,749	100.00	15,513	100.00
Age																						
<18	3,102	7.16	937	7.35	741	6.32	766	6.23	453	5.43	385	4.99	372	4.72	295	3.55	258	2.25	306	1.83	240	1.55
18-25	23,201	53.58	5,711	44.83	5,364	45.76	5,535	45.00	3,219	38.60	3,065	39.72	3,243	41.19	3,643	43.79	5,420	47.33	8,454	50.47	7,981	51.45
26-30	4,515	10.43	1,547	12.14	1,489	12.70	1,639	13.32	1,305	15.65	1,207	15.64	1,278	16.23	1,335	16.05	1,858	16.23	2,771	16.54	2,560	16.50
31-40	7,645	17.65	3,062	24.03	2,817	24.03	2,852	23.19	2,167	25.99	1,906	24.70	1,857	23.58	1,837	22.08	2,418	21.12	3,475	20.75	3,203	20.65
41-64	4,689	10.83	1,441	11.31	1,284	10.95	1,479	12.02	1,178	14.13	1,135	14.71	1,101	13.98	1,183	14.22	1,455	12.71	1,725	10.30	1,512	9.75
65+	112	0.26	24	0.19	10	0.09	16	0.13	14	0.17	15	0.19	22	0.28	24	0.29	36	0.31	17	0.10	15	0.10
Unknown	41	0.09	18	0.14	17	0.15	14	0.11	3	0.04	3	0.04	1	0.01	2	0.02	6	0.05	1	0.01	2	0.01
Sex																						
Male	31,281	72.23	9,159	71.89	8,472	72.27	8,927	72.57	6,154	73.80	5,865	76.01	5,920	75.18	6,363	76.49	9,155	79.95	13,686	81.71	12,693	81.82
Female	12,020	27.76	3,580	28.10	3,250	27.73	3,374	27.43	2,185	26.20	1,851	23.99	1,953	24.80	1,955	23.50	2,295	20.04	3,063	18.29	2,820	18.18
Unknown	4	0.01	1	0.01	-	-	-	-	-	-	-	-	1	0.01	1	0.01	1	0.01	-	-	-	-
Sponsor Rank																						
E1-E3	13,504	31.18	2,645	20.76	2,458	20.97	2,354	19.14	946	11.34	873	11.31	1,037	13.17	1,431	17.20	2,498	21.81	4,414	26.35	4,077	26.28
E4-E6	12,169	28.10	3,524	27.66	3,403	29.03	3,883	31.57	2,427	29.10	2,208	28.62	2,289	29.07	2,484	29.86	4,070	35.54	6,692	39.95	6,073	39.15
E7-E9	2,451	5.66	700	5.49	645	5.50	703	5.71	449	5.38	484	6.27	475	6.03	505	6.07	800	6.99	1,221	7.29	1,168	7.53
W1-W3	46	0.11	1	0.01	4	0.03	4	0.03	3	0.04	5	0.06	13	0.17	8	0.10	13	0.11	11	0.07	6	0.04
W4-W5	16	0.04	2	0.02	-	-	3	0.02	1	0.01	1	0.01	5	0.06	5	0.06	4	0.03	6	0.04	3	0.02
Cadet	521	1.20	147	1.15	56	0.48	78	0.63	60	0.72	100	1.30	98	1.24	41	0.49	49	0.43	16	0.10	29	0.19
O1-O3	2,687	6.20	1,747	13.71	1,737	14.82	1,774	14.42	1,714	20.55	1,699	22.02	1,624	20.62	1,633	19.63	1,718	15.00	1,945	11.61	1,804	11.63
O4-O6+	1,210	2.79	669	5.25	562	4.79	590	4.80	573	6.87	555	7.19	527	6.69	570	6.85	671	5.86	774	4.62	790	5.09
Unknown	10,701	24.71	3,305	25.94	2,857	24.37	2,912	23.67	2,166	25.97	1,791	23.21	1,806	22.94	1,642	19.74	1,628	14.22	1,670	9.97	1,563	10.08
Sponsor Service^a																						
USAF	39,962	92.28	12,111	95.06	11,170	95.29	11,688	95.02	7,725	92.64	7,183	93.09	7,318	92.94	7,813	93.92	10,943	95.56	16,255	97.05	15,068	97.13
USA	1,077	2.49	154	1.21	154	1.31	202	1.64	137	1.64	144	1.87	212	2.69	147	1.77	153	1.34	161	0.96	129	0.83
USN/USMC	369	0.85	54	0.42	63	0.54	50	0.41	45	0.54	48	0.62	50	0.64	32	0.38	57	0.50	36	0.21	40	0.26
Other	1,886	4.36	421	3.30	335	2.86	359	2.92	432	5.18	337	4.37	292	3.71	326	3.92	295	2.58	293	1.75	276	1.78
Unknown	11	0.03	-	-	-	-	2	0.02	-	-	4	0.05	2	0.03	1	0.01	3	0.03	4	0.02	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Whiteman, F.E. Warren, Minot, Barkdale, and Malmstrom.

^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 18. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinics (FOMC) in the US Air Force in Europe (USAFE) Major Command, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	39,955	100.00	12,614	100.00	10,162	100.00	10,842	100.00	11,659	100.00	10,550	100.00	9,668	100.00	10,261	100.00	9,797	100.00	10,459	100.00	12,129	100.00
Age																						
<18	5,441	13.62	1,821	14.44	1,381	13.59	1,266	11.68	1,130	9.69	968	9.18	845	8.74	881	8.59	890	9.08	852	8.15	1,047	8.63
18-25	15,327	38.36	3,669	29.09	3,009	29.61	3,481	32.11	4,090	35.08	3,414	32.36	2,856	29.54	3,039	29.62	2,716	27.72	2,945	28.16	3,936	32.45
26-30	5,081	12.72	1,699	13.47	1,474	14.51	1,650	15.22	1,833	15.72	1,800	17.06	1,709	17.68	1,792	17.46	1,717	17.53	1,964	18.78	2,105	17.36
31-40	9,005	22.54	3,703	29.36	2,911	28.65	2,987	27.55	3,124	26.79	2,895	27.44	2,772	28.67	2,906	28.32	2,775	28.32	3,006	28.74	3,268	26.94
41-64	5,009	12.54	1,704	13.51	1,368	13.46	1,444	13.32	1,465	12.57	1,458	13.82	1,469	15.19	1,620	15.79	1,676	17.11	1,678	16.04	1,754	14.46
65+	83	0.21	18	0.14	15	0.15	12	0.11	15	0.13	14	0.13	17	0.18	16	0.16	20	0.20	12	0.11	18	0.15
Unknown	9	0.02	-	-	4	0.04	2	0.02	2	0.02	1	0.01	-	0.00	7	0.07	3	0.03	2	0.02	1	0.01
Sex																						
Male	26,290	65.80	8,053	63.84	6,378	62.76	6,942	64.03	8,134	69.77	7,377	69.92	6,650	68.78	7,138	69.56	6,856	69.98	7,197	68.81	8,449	69.66
Female	13,665	34.20	4,561	36.16	3,784	37.24	3,900	35.97	3,525	30.23	3,173	30.08	3,018	31.22	3,123	30.44	2,941	30.02	3,262	31.19	3,680	30.34
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	7,055	17.66	1,197	9.49	993	9.77	1,231	11.35	1,490	12.78	1,217	11.54	1,041	10.77	1,097	10.69	880	8.98	1,076	10.29	1,574	12.98
E4-E6	12,370	30.96	3,903	30.94	2,949	29.02	3,358	30.97	4,273	36.65	3,820	36.21	3,167	32.76	3,439	33.52	3,332	34.01	3,472	33.20	4,086	33.69
E7-E9	2,245	5.62	772	6.12	527	5.19	539	4.97	634	5.44	579	5.49	600	6.21	632	6.16	630	6.43	609	5.82	779	6.42
W1-W3	81	0.20	14	0.11	21	0.21	23	0.21	22	0.19	25	0.24	16	0.17	21	0.20	7	0.07	1	0.01	3	0.02
W4-W5	23	0.06	3	0.02	5	0.05	3	0.03	5	0.04	7	0.07	5	0.05	3	0.03	4	0.04	8	0.08	5	0.04
Cadet	28	0.07	2	0.02	25	0.25	11	0.10	17	0.15	10	0.09	2	0.02	18	0.18	3	0.03	5	0.05	4	0.03
O1-O3	2,091	5.23	1,088	8.63	1,053	10.36	1,093	10.08	1,028	8.82	984	9.33	1,044	10.80	1,001	9.76	951	9.71	993	9.49	983	8.10
O4-O6+	2,112	5.29	999	7.92	862	8.48	904	8.34	897	7.69	945	8.96	959	9.92	996	9.71	1,026	10.47	1,040	9.94	1,080	8.90
Unknown	13,950	34.91	4,636	36.75	3,727	36.68	3,680	33.94	3,293	28.24	2,963	28.09	2,834	29.31	3,054	29.76	2,964	30.25	3,255	31.12	3,615	29.80
Sponsor Service^b																						
USAF	35,261	88.25	11,596	91.93	9,541	93.89	10,122	93.36	10,978	94.16	9,910	93.93	9,028	93.38	9,544	93.01	9,144	93.33	9,468	90.52	11,278	92.98
USA	2,212	5.54	449	3.56	355	3.49	448	4.13	392	3.36	388	3.68	344	3.56	378	3.68	316	3.23	373	3.57	375	3.09
USN/USMC	1,010	2.53	248	1.97	118	1.16	126	1.16	138	1.18	135	1.28	155	1.60	135	1.32	108	1.10	259	2.48	113	0.93
Other	1,434	3.59	321	2.54	148	1.46	146	1.35	151	1.30	117	1.11	141	1.46	204	1.99	229	2.34	304	2.91	363	2.99
Unknown	38	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	0.53	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Ramstein, RAF Lakenheath, Spangdahlem, Aviano, Incirlik, and Lajes Fld. ^a USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 19. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Force Space Command (AFSPC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	33,605	100.00	8,000	100.00	8,586	100.00	9,436	100.00	9,205	100.00	8,155	100.00	8,376	100.00	8,610	100.00	7,437	100.00	7,582	100.00	8,968	100.00
Age																						
<18	2,396	7.13	413	5.16	391	4.55	399	4.23	383	4.16	342	4.19	309	3.69	330	3.83	138	1.86	175	2.31	407	4.54
18-25	10,222	30.42	2,086	26.08	2,457	28.62	2,670	28.30	2,393	26.00	2,028	24.87	2,036	24.31	2,057	23.89	1,909	25.67	1,912	25.22	2,183	24.34
26-30	4,139	12.32	1,071	13.39	1,152	13.42	1,273	13.49	1,200	13.04	1,175	14.41	1,124	13.42	1,202	13.96	1,200	16.14	1,216	16.04	1,549	17.27
31-40	9,180	27.32	2,824	35.30	2,873	33.46	3,131	33.18	3,009	32.69	2,671	32.75	2,780	33.19	2,740	31.82	2,437	32.77	2,390	31.52	2,738	30.53
41-64	7,500	22.32	1,572	19.65	1,684	19.61	1,942	20.58	2,195	23.85	1,919	23.53	2,108	25.17	2,254	26.18	1,737	23.36	1,865	24.60	2,065	23.03
65+	151	0.45	29	0.36	26	0.30	16	0.17	17	0.18	19	0.23	18	0.21	26	0.30	15	0.20	23	0.30	26	0.29
Unknown	17	0.05	5	0.06	3	0.03	5	0.05	8	0.09	1	0.01	1	0.01	1	0.01	1	0.01	1	0.01	-	-
Sex																						
Male	23,112	68.78	6,182	77.28	6,560	76.40	7,060	74.82	6,826	74.16	5,983	73.37	5,995	71.57	6,401	74.34	5,888	79.17	5,709	75.30	6,531	72.83
Female	10,492	31.22	1,818	22.73	2,025	23.58	2,376	25.18	2,379	25.84	2,172	26.63	2,381	28.43	2,209	25.66	1,549	20.83	1,873	24.70	2,437	27.17
Unknown	1	0.00	-	-	1	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	3,283	9.77	634	7.93	724	8.43	744	7.88	546	5.93	444	5.44	509	6.08	602	6.99	600	8.07	567	7.48	678	7.56
E4-E6	9,153	27.24	2,246	28.08	2,734	31.84	2,904	30.78	2,592	28.16	2,184	26.78	2,234	26.67	2,262	26.27	2,105	28.30	2,013	26.55	2,431	27.11
E7-E9	2,940	8.75	666	8.33	748	8.71	845	8.96	850	9.23	656	8.04	714	8.52	744	8.64	654	8.79	610	8.05	770	8.59
W1-W3	153	0.46	16	0.20	20	0.23	27	0.29	20	0.22	20	0.25	25	0.30	21	0.24	28	0.38	36	0.47	48	0.54
W4-W5	58	0.17	14	0.18	16	0.19	17	0.18	9	0.10	9	0.11	10	0.12	8	0.09	18	0.24	17	0.22	22	0.25
Cadet	233	0.69	37	0.46	31	0.36	29	0.31	53	0.58	18	0.22	13	0.16	28	0.33	19	0.26	45	0.59	14	0.16
O1-O3	3,055	9.09	1,354	16.93	1,337	15.57	1,491	15.80	1,413	15.35	1,335	16.37	1,289	15.39	1,399	16.25	1,409	18.95	1,300	17.15	1,372	15.30
O4-O6+	2,883	8.58	1,091	13.64	1,155	13.45	1,233	13.07	1,307	14.20	1,219	14.95	1,225	14.63	1,254	14.56	1,145	15.40	1,073	14.15	1,059	11.81
Unknown	11,847	35.25	1,942	24.28	1,821	21.21	2,146	22.74	2,415	26.24	2,270	27.84	2,357	28.14	2,292	26.62	1,459	19.62	1,921	25.34	2,574	28.70
Sponsor Service^a																						
USAF	21,969	65.37	6,413	80.16	6,605	76.93	7,564	80.16	7,411	80.51	6,593	80.85	6,795	81.12	6,844	79.49	5,977	80.37	5,924	78.13	6,620	73.82
USA	4,051	12.05	461	5.76	575	6.70	539	5.71	502	5.45	470	5.76	502	5.99	568	6.60	412	5.54	603	7.95	956	10.66
USN/USMC	2,822	8.40	271	3.39	695	8.09	537	5.69	403	4.38	333	4.08	340	4.06	324	3.76	281	3.78	325	4.29	573	6.39
Other	4,759	14.16	855	10.69	711	8.28	796	8.44	887	9.64	759	9.31	738	8.81	874	10.15	767	10.31	726	9.58	819	9.13
Unknown	4	0.01	-	-	-	-	-	-	2	0.02	-	-	1	0.01	-	-	-	-	4	0.05	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Peterson, Patrick, Buckley, Vandenberg, and Los Angeles. ^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 20. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinic (FOMC) in the Air Force District Washington (AFDW) Command, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	24,652	100.00	6,345	100.00	5,722	100.00	5,231	100.00	6,249	100.00	7,046	100.00	5,638	100.00	6,514	100.00	7,586	100.00	7,339	100.00	7,333	100.00
Age																						
<18	1,756	7.12	550	8.67	446	7.79	180	3.44	188	3.01	132	1.87	105	1.86	213	3.27	333	4.39	190	2.59	186	2.54
18-25	6,283	25.49	826	13.02	723	12.64	712	13.61	1,045	16.72	1,508	21.40	934	16.57	1,154	17.72	1,304	17.19	1,262	17.20	1,104	15.06
26-30	2,365	9.59	491	7.74	413	7.22	385	7.36	499	7.99	622	8.83	480	8.51	597	9.16	729	9.61	723	9.85	752	10.26
31-40	7,065	28.66	2,188	34.48	1,963	34.31	1,824	34.87	2,097	33.56	2,218	31.48	1,813	32.16	1,999	30.69	2,371	31.25	2,382	32.46	2,463	33.59
41-64	6,961	28.24	2,249	35.45	2,153	37.63	2,111	40.36	2,380	38.09	2,508	35.59	2,257	40.03	2,500	38.38	2,799	36.90	2,733	37.24	2,772	37.80
65+	162	0.66	38	0.60	23	0.40	19	0.36	25	0.40	38	0.54	30	0.53	47	0.72	48	0.63	46	0.63	52	0.71
Unknown	60	0.24	3	0.05	1	0.02	-	-	15	0.24	20	0.28	19	0.34	4	0.06	2	0.03	3	0.04	4	0.05
Sex																						
Female	16,662	67.59	4,474	70.51	3,962	69.24	3,821	73.05	4,793	76.70	5,570	79.05	4,406	78.15	4,752	72.95	5,526	72.84	5,394	73.50	5,343	72.86
Male	7,987	32.40	1,870	29.47	1,760	30.76	1,410	26.95	1,456	23.30	1,475	20.93	1,231	21.83	1,762	27.05	2,060	27.16	1,945	26.50	1,990	27.14
Unknown	3	0.01	1	0.02	-	-	-	-	-	-	1	0.01	1	0.02	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	2,141	8.68	184	2.90	176	3.08	174	3.33	273	4.37	567	8.05	247	4.38	345	5.30	381	5.02	329	4.48	212	2.89
E4-E6	6,513	26.42	1,115	17.57	971	16.97	1,027	19.63	1,473	23.57	1,904	27.02	1,183	20.98	1,477	22.67	1,875	24.72	1,914	26.08	1,839	25.08
E7-E9	1,971	8.00	513	8.09	444	7.76	414	7.91	506	8.10	498	7.07	437	7.75	530	8.14	673	8.87	678	9.24	776	10.58
W1-W3	119	0.48	19	0.30	15	0.26	25	0.48	32	0.51	44	0.62	26	0.46	20	0.31	25	0.33	17	0.23	12	0.16
W4-W5	46	0.19	4	0.06	3	0.05	7	0.13	12	0.19	13	0.18	13	0.23	25	0.38	16	0.21	16	0.22	9	0.12
Cadet	151	0.61	45	0.71	35	0.61	12	0.23	22	0.35	14	0.20	33	0.59	8	0.12	8	0.11	4	0.05	7	0.10
O1-O3	1,517	6.15	478	7.53	385	6.73	349	6.67	392	6.27	399	5.66	324	5.75	355	5.45	417	5.50	406	5.53	405	5.52
O4-O6+	4,318	17.52	1,711	26.97	1,732	30.27	1,709	32.67	1,927	30.84	1,971	27.97	1,788	31.71	1,879	28.85	2,015	26.56	2,037	27.76	2,121	28.92
Unknown	7,876	31.95	2,276	35.87	1,961	34.27	1,514	28.94	1,612	25.80	1,636	23.22	1,587	28.15	1,875	28.78	2,176	28.68	1,938	26.41	1,952	26.62
Sponsor Service^a																						
USAF	15,588	63.23	5,282	83.25	4,971	86.88	4,524	86.48	4,588	73.42	4,248	60.29	4,142	73.47	5,248	80.56	6,044	79.67	5,890	80.26	5,898	80.43
USA	4,277	17.35	394	6.21	253	4.42	253	4.84	844	13.51	1,721	24.43	645	11.44	379	5.82	471	6.21	396	5.40	424	5.78
USN/USMC	3,017	12.24	350	5.52	331	5.78	284	5.43	635	10.16	851	12.08	612	10.85	604	9.27	710	9.36	701	9.55	739	10.08
Other	1,767	7.17	319	5.03	167	2.92	170	3.25	182	2.91	226	3.21	239	4.24	283	4.34	360	4.75	348	4.74	272	3.71
Unknown	3	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.01	4	0.05	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Andrews and Bolling.

^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 21. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinics (FOMC) in the Air Force Special Operations Command (AFSOC), 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	18,560	100.00	5,463	100.00	5,114	100.00	4,989	100.00	5,184	100.00	5,365	100.00	5,255	100.00	4,716	100.00	8,170	100.00	6,954	100.00	6,296	100.00
Age																						
<18	1,634	8.80	804	14.72	671	13.12	267	5.35	220	4.24	224	4.18	108	2.06	99	2.10	73	0.89	19	0.27	54	0.86
18-25	8,295	44.69	1,463	26.78	1,501	29.35	1,665	33.37	1,906	36.77	1,892	35.27	1,884	35.85	1,565	33.18	3,275	40.09	2,625	37.75	2,199	34.93
26-30	2,445	13.17	740	13.55	679	13.28	768	15.39	760	14.66	850	15.84	897	17.07	860	18.24	1,560	19.09	1,482	21.31	1,369	21.74
31-40	3,927	21.16	1,634	29.91	1,537	30.05	1,499	30.05	1,506	29.05	1,517	28.28	1,534	29.19	1,489	31.57	2,258	27.64	1,956	28.13	1,931	30.67
41-64	2,211	11.91	809	14.81	716	14.00	784	15.71	781	15.07	868	16.18	825	15.70	701	14.86	999	12.23	870	12.51	738	11.72
65+	42	0.23	12	0.22	10	0.20	5	0.10	8	0.15	13	0.24	7	0.13	1	0.02	5	0.06	1	0.01	5	0.08
Unknown	6	0.03	1	0.02	-	-	1	0.02	3	0.06	1	0.02	-	-	1	0.02	-	-	1	0.01	-	-
Sex																						
Male	13,367	72.02	3,720	68.09	3,585	70.10	3,696	74.08	4,006	77.28	4,140	77.17	4,123	78.46	3,786	80.28	6,769	82.85	6,134	88.21	5,294	84.09
Female	5,190	27.96	1,743	31.91	1,528	29.88	1,293	25.92	1,178	22.72	1,225	22.83	1,129	21.48	930	19.72	1,401	17.15	820	11.79	1,002	15.91
Unknown	3	0.02	-	-	1	0.02	-	-	-	-	-	-	3	0.06	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	4,129	22.25	456	8.35	547	10.70	526	10.54	697	13.45	706	13.16	789	15.01	635	13.46	1,547	18.94	1,173	16.87	878	13.95
E4-E6	5,984	32.24	1,377	25.21	1,320	25.81	1,639	32.85	1,845	35.59	1,947	36.29	1,945	37.01	1,520	32.23	3,293	40.31	2,914	41.90	2,313	36.74
E7-E9	1,154	6.22	354	6.48	374	7.31	381	7.64	414	7.99	436	8.13	457	8.70	389	8.25	720	8.81	586	8.43	518	8.23
W1-W3	7	0.04	2	0.04	2	0.04	1	0.02	1	0.02	2	0.04	-	-	-	-	3	0.04	1	0.01	2	0.03
W4-W5	1	0.01	1	0.02	-	-	-	-	-	-	-	-	-	-	1	0.02	1	0.01	1	0.01	-	-
Cadet	81	0.44	24	0.44	16	0.31	41	0.82	25	0.48	9	0.17	-	-	4	0.08	1	0.01	3	0.04	-	-
O1-O3	1,004	5.41	520	9.52	553	10.81	568	11.39	613	11.82	620	11.56	655	12.46	851	18.04	1,219	14.92	1,240	17.83	1,225	19.46
O4-O6+	801	4.32	499	9.13	465	9.09	433	8.68	499	9.63	522	9.73	519	9.88	531	11.26	665	8.14	673	9.68	683	10.85
Unknown	5,399	29.09	2,230	40.82	1,837	35.92	1,400	28.06	1,090	21.03	1,123	20.93	890	16.94	785	16.65	721	8.82	363	5.22	677	10.75
Sponsor Service^a																						
USAF	17,017	91.69	4,986	91.27	4,747	92.82	4,643	93.06	5,036	97.15	5,173	96.42	5,089	96.84	4,605	97.65	8,002	97.94	6,799	97.77	6,194	98.38
USA	332	1.79	72	1.32	85	1.66	68	1.36	40	0.77	34	0.63	27	0.51	45	0.95	41	0.50	30	0.43	29	0.46
USN/USMC	153	0.82	29	0.53	28	0.55	26	0.52	19	0.37	23	0.43	26	0.49	16	0.34	17	0.21	21	0.30	22	0.35
Other	1,051	5.66	376	6.88	253	4.95	252	5.05	89	1.72	134	2.50	113	2.15	47	1.00	110	1.35	100	1.44	51	0.81
Unknown	7	0.04	-	-	1	0.02	-	-	-	-	1	0.02	-	-	3	0.06	-	-	4	0.06	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. FOMCs at the following installations were included: Hurlburt Field and Cannon.

^a USAF=United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 22. Demographic characteristics of the patient population seen at Flight and Operational Medicine Clinics (FOMC) in the US Air Force Academy (USAF) Major Command, 2003-2012.

Demographic	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	18,172	100.00	4,255	100.00	4,318	100.00	5,103	100.00	4,965	100.00	5,233	100.00	5,125	100.00	5,578	100.00	5,522	100.00	5,541	100.00	5,597	100.00
Age																						
<18	1,437	7.91	149	3.50	131	3.03	159	3.12	160	3.22	169	3.23	170	3.32	166	2.98	159	2.88	149	2.69	154	2.75
18-25	14,652	80.63	3,587	84.30	3,631	84.09	4,253	83.34	4,182	84.23	4,350	83.13	4,214	82.22	4,623	82.88	4,568	82.72	4,600	83.02	4,640	82.90
26-30	271	1.49	54	1.27	71	1.64	91	1.78	80	1.61	87	1.66	90	1.76	85	1.52	76	1.38	90	1.62	96	1.72
31-40	762	4.19	216	5.08	251	5.81	292	5.72	284	5.72	324	6.19	370	7.22	381	6.83	368	6.66	365	6.59	376	6.72
41-64	1,001	5.51	242	5.69	229	5.30	302	5.92	251	5.06	296	5.66	277	5.40	319	5.72	346	6.27	333	6.01	324	5.79
65+	44	0.24	5	0.12	4	0.09	4	0.08	8	0.16	7	0.13	4	0.08	4	0.07	5	0.09	4	0.07	7	0.13
Unknown	5	0.03	2	0.05	1	0.02	2	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sex																						
Male	14,038	77.25	3,404	80.00	3,386	78.42	4,024	78.86	3,881	78.17	4,067	77.72	3,940	76.88	4,299	77.07	4,181	75.72	4,188	75.58	4,222	75.43
Female	4,133	22.74	850	19.98	932	21.58	1,079	21.14	1,084	21.83	1,166	22.28	1,185	23.12	1,279	22.93	1,341	24.28	1,353	24.42	1,375	24.57
Unknown	1	0.01	1	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sponsor Rank																						
E1-E3	1,269	6.98	163	3.83	249	5.77	204	4.00	201	4.05	210	4.01	237	4.62	275	4.93	370	6.70	423	7.63	364	6.50
E4-E6	691	3.80	130	3.06	185	4.28	202	3.96	192	3.87	230	4.40	263	5.13	225	4.03	248	4.49	252	4.55	286	5.11
E7-E9	196	1.08	32	0.75	27	0.63	53	1.04	49	0.99	64	1.22	72	1.40	80	1.43	81	1.47	86	1.55	83	1.48
W1-W3	3	0.02	-	-	-	-	1	0.02	1	0.02	1	0.02	-	-	-	-	-	-	-	-	-	-
W4-W5	2	0.01	-	-	-	-	-	-	-	-	1	0.02	-	-	-	-	1	0.02	-	-	-	-
Cadet	8,940	49.20	794	18.66	441	10.21	758	14.85	1,406	28.32	2,187	41.79	2,726	53.19	3,654	65.51	3,551	64.31	3,582	64.65	3,526	63.00
O1-O3	769	4.23	487	11.45	482	11.16	610	11.95	511	10.29	522	9.98	548	10.69	634	11.37	585	10.59	655	11.82	767	13.70
O4-O6+	538	2.96	225	5.29	277	6.42	275	5.39	283	5.70	329	6.29	323	6.30	351	6.29	341	6.18	332	5.99	330	5.90
Unknown	5,764	31.72	2,424	56.97	2,657	61.53	3,000	58.79	2,322	46.77	1,689	32.28	956	18.65	359	6.44	345	6.25	211	3.81	241	4.31
Sponsor Service^a																						
USAF	17,025	93.69	4,079	95.86	4,204	97.36	4,966	97.32	4,850	97.68	5,085	97.17	4,970	96.98	5,381	96.47	5,287	95.74	5,395	97.37	5,408	96.62
USA	386	2.12	46	1.08	54	1.25	64	1.25	33	0.66	46	0.88	39	0.76	43	0.77	46	0.83	42	0.76	59	1.05
USN/USMC	183	1.01	9	0.21	20	0.46	25	0.49	31	0.62	34	0.65	34	0.66	21	0.38	33	0.60	21	0.38	23	0.41
Other	576	3.17	121	2.84	40	0.93	48	0.94	50	1.01	68	1.30	81	1.58	133	2.38	156	2.83	83	1.50	107	1.91
Unknown	2	0.01	-	-	-	-	-	-	1	0.02	-	-	1	0.02	-	-	-	-	-	-	-	-

Notes. The denominator for the column titled 'Overall' is based on the number of unique patients seen over the study period. The denominator for each year column (e.g., 2006) is the number of unique patients seen during that calendar year. Patients are counted the first time they enter the cohort, both for the overall denominator and annual denominators; therefore their demographic information can vary annually. Percentages reported as "0.00" reflect percentages less than 0.01. The FOMC at the following installation was included: USAF Academy.

^aUSAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 23. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total Encounters	1,367,702	100.00	107,323	100.00	115,080	100.00	124,385	100.00	130,780	100.00	124,832	100.00	115,360	100.00	130,489	100.00	163,797	100.00	181,183	100.00	174,473	100.00
Total Procedures	1,143,188	100.00	54,106	100.00	59,505	100.00	98,642	100.00	121,978	100.00	124,395	100.00	124,238	100.00	127,889	100.00	144,534	100.00	142,427	100.00	145,474	100.00
Aviation Exam																						
Total Encounters	468,341	34.24	23,355	21.76	33,660	29.25	51,534	41.43	56,193	42.97	51,490	41.25	49,746	43.12	50,556	38.74	49,555	30.25	51,299	28.31	50,953	29.20
Total Procedures	594,238	51.98	19,249	35.58	24,522	41.21	51,601	52.31	64,193	52.63	65,879	52.96	66,532	53.55	65,469	51.19	70,708	48.92	81,331	57.10	84,754	58.26
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	521,234	87.71	14,359	74.60	19,848	80.94	41,883	81.17	54,415	84.77	56,425	85.65	58,739	88.29	59,591	91.02	64,230	90.84	74,896	92.09	76,848	90.67
Visual acuity screening	149,528	28.69	4,315	30.05	7,242	36.49	13,261	31.66	14,724	27.06	16,354	28.98	18,626	31.71	17,310	29.05	18,745	29.18	19,708	26.31	19,243	25.04
Pure Tone Audiometry	142,588	27.36	4,606	32.08	5,720	28.82	10,882	25.98	13,479	24.77	14,068	24.93	16,157	27.51	19,221	32.25	18,140	28.24	20,321	27.13	19,994	26.02
Visual Function Screening	91,625	17.58	865	6.02	823	4.15	4,927	11.76	9,785	17.98	9,990	17.70	8,622	14.68	10,299	17.28	13,120	20.43	16,403	21.90	16,791	21.85
Color Vision Examination	50,121	9.62	666	4.64	858	4.32	2,667	6.37	2,668	4.90	3,235	5.73	5,124	8.72	3,323	5.58	6,501	10.12	11,720	15.65	13,359	17.38
Screening Test, Pure Tone, Air Only	45,578	8.74	1,044	7.27	2,131	10.74	3,829	9.14	7,325	13.46	6,910	12.25	6,009	10.23	5,287	8.87	4,706	7.33	3,873	5.17	4,464	5.81
Total Top 5	479,440	91.98	11,496	80.06	16,774	84.51	35,566	84.92	47,981	88.18	50,557	89.60	54,538	92.85	55,440	93.03	61,212	95.30	72,025	96.17	73,851	96.10
Electrocardiogram	50,885	8.56	2,531	13.15	2,636	10.75	6,662	12.91	7,271	11.33	7,283	11.06	5,888	8.85	4,109	6.28	4,517	6.39	4,199	5.16	5,789	6.83
Ancillary Services	5,200	0.88	816	4.24	63	0.26	519	1.01	977	1.52	519	0.79	603	0.91	631	0.96	334	0.47	427	0.53	311	0.37
Other diagnostic procedures (interview, evaluation, consultation)	2,735	0.46	892	4.63	1,063	4.33	242	0.47	56	0.09	67	0.10	129	0.19	110	0.17	58	0.08	58	0.07	60	0.07
Prophylactic vaccinations and inoculations	2,449	0.41	3	0.02	4	0.02	179	0.35	304	0.47	347	0.53	199	0.30	203	0.31	359	0.51	338	0.42	513	0.61

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Periodic Prevention Exam (V70.52)																						
Total Encounters	360,197	26.34	28,888	8.02	32,955	9.15	27,563	7.65	22,985	6.38	24,223	6.72	21,764	6.04	34,512	9.58	61,458	17.06	55,414	15.38	50,435	14.00
Total Procedures	261,786	22.90	14,037	25.94	16,167	27.17	22,409	22.72	23,717	19.44	22,980	18.47	23,855	19.20	33,089	25.87	43,475	30.08	30,711	21.56	31,346	21.55
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	235,573	89.99	11,473	81.73	13,503	83.52	19,567	87.32	21,345	90.00	19,788	86.11	21,441	89.88	30,607	92.50	40,257	92.60	28,471	92.71	29,121	92.90
Visual acuity screening	85,069	36.11	3,877	33.79	5,461	40.44	8,172	41.76	7,826	36.66	6,410	32.39	7,123	33.22	8,137	26.59	12,738	31.64	13,666	48.00	11,659	40.04
Pure Tone Audiometry	61,867	26.26	3,170	27.63	3,516	26.04	5,117	26.15	4,613	21.61	5,253	26.55	5,688	26.53	9,385	30.66	11,820	29.36	6,453	22.67	6,852	23.53
Visual Function Screening Test, Pure Tone, Air Only	37,927	16.10	685	5.97	1,058	7.84	2,675	13.67	3,669	17.19	3,746	18.93	4,575	21.34	5,894	19.26	7,462	18.54	3,717	13.06	4,446	15.27
Color Vision Examination	19,095	8.11	922	8.04	883	6.54	1,038	5.30	3,109	14.57	2,506	12.66	2,111	9.85	3,164	10.34	2,319	5.76	1,130	3.97	1,913	6.57
Total Top 5	219,343	93.11	9,058	78.95	11,619	86.05	18,023	92.11	20,171	94.50	18,489	93.44	20,401	95.15	28,568	93.34	37,128	92.23	27,381	96.17	28,505	97.88
Electrocardiogram	11,237	4.29	1,436	10.23	1,596	9.87	1,142	5.10	1,123	4.74	1,194	5.20	741	3.11	944	2.85	1,469	3.38	838	2.73	754	2.41
Ancillary Services	4,035	1.54	122	0.87	151	0.93	329	1.47	197	0.83	260	1.13	366	1.53	465	1.41	602	1.38	734	2.39	809	2.58
Other diagnostic procedures on lung and bronchus	2,034	0.78	73	0.52	120	0.74	145	0.65	141	0.59	248	1.08	291	1.22	333	1.01	317	0.73	227	0.74	139	0.44
Prophylactic vaccinations and inoculations	1,500	0.57	96	0.68	45	0.28	45	0.20	110	0.46	540	2.35	138	0.58	74	0.22	209	0.48	89	0.29	154	0.49

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Occupational Exam (V70.53)																						
Total Encounters	223,157	16.32	9,330	4.18	10,116	4.53	19,328	8.66	27,828	12.47	26,343	11.80	23,868	10.70	24,371	10.92	27,319	12.24	27,888	12.50	26,766	11.99
Total Procedures	202,741	17.73	4,832	8.93	6,945	11.67	17,124	17.36	26,696	21.89	26,178	21.04	25,286	20.35	22,372	17.49	23,454	16.23	25,575	17.96	24,279	16.69
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	161,908	79.86	3,637	75.27	5,127	73.82	13,625	79.57	21,604	80.93	20,561	78.54	20,077	79.40	18,184	81.28	18,794	80.13	20,808	81.36	19,491	80.28
Pure Tone Audiometry	73,247	45.24	2,039	56.06	2,626	51.22	4,879	35.81	8,347	38.64	9,014	43.84	7,988	39.79	9,999	54.99	10,201	54.28	9,189	44.16	8,965	46.00
Visual acuity screening	33,572	14.25	639	5.57	1,172	8.68	3,205	16.38	4,995	23.40	3,788	19.14	4,874	22.73	3,590	11.73	3,678	9.14	3,967	13.93	3,664	12.58
Screening Test, Pure Tone, Air Only	29,125	12.36	436	3.80	648	4.80	2,805	14.34	5,692	26.67	4,937	24.95	3,970	18.52	1,869	6.11	1,872	4.65	3,869	13.59	3,027	10.39
Visual Function Screening	15,143	6.43	97	0.85	85	0.63	1,270	6.49	1,482	6.94	1,900	9.60	2,003	9.34	2,030	6.63	1,972	4.90	2,178	7.65	2,126	7.30
Color Vision Examination	6,232	2.65	35	0.31	59	0.44	240	1.23	391	1.83	553	2.79	786	3.67	447	1.46	836	2.08	1,393	4.89	1,492	5.12
Total top 5	157,319	80.93	3,246	66.58	4,590	65.76	12,399	74.24	20,907	97.48	20,192	100.33	19,621	94.04	17,935	80.92	18,559	75.04	20,596	84.23	19,274	81.40
Other diagnostic procedures on lung and bronchus	16,375	8.08	449	9.29	960	13.82	1,285	7.50	1,708	6.40	1,769	6.76	2,194	8.68	1,723	7.70	2,059	8.78	2,134	8.34	2,094	8.62
Electrocardiogram	12,130	5.98	401	8.30	641	9.23	1,257	7.34	1,891	7.08	1,715	6.55	1,512	5.98	1,066	4.76	1,141	4.86	1,181	4.62	1,325	5.46
Other non-OR therapeutic procedures on respiratory system	6,054	2.99	35	0.72	9	0.13	304	1.78	856	3.21	1,030	3.93	586	2.32	451	2.02	825	3.52	999	3.91	959	3.95

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Armed Forces Medical Exam (V70.50)																						
Total Encounters	47,263	3.46	6,032	12.76	6,793	14.37	2,449	5.18	3,139	6.64	5,807	12.29	4,237	8.96	1,788	3.78	4,374	9.25	7,462	15.79	5,182	10.96
Total Procedures	33,738	2.95	3,219	5.95	3,909	6.57	1,678	1.70	3,108	2.55	5,989	4.81	5,100	4.11	1,529	1.20	3,650	2.53	2,577	1.81	2,979	2.05
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	24,435	72.43	1,619	50.30	768	19.65	1,098	65.44	2,467	79.38	5,011	83.67	4,160	81.57	1,278	83.58	3,034	83.12	2,280	88.47	2,720	91.31
Pure Tone Audiometry	6,603	27.02	430	26.56	301	39.19	225	20.49	485	19.66	1,219	24.33	1,379	33.15	391	30.59	1,006	33.16	546	23.95	621	22.83
Visual acuity screening	6,137	2.61	362	3.16	187	1.38	437	2.23	559	2.62	1,140	5.76	687	3.20	329	1.07	1,110	2.76	597	2.10	729	2.50
Visual Function Screening	4,416	1.87	91	0.79	28	0.21	69	0.35	500	2.34	1,152	5.82	1,224	5.71	258	0.84	304	0.76	382	1.34	408	1.40
Screening Test, Pure Tone, Air Only	2,971	1.26	165	1.44	55	0.41	194	0.99	410	1.92	831	4.20	115	0.54	94	0.31	281	0.70	451	1.58	375	1.29
Serial Tonometry	1,951	0.83	20	0.17	61	0.45	27	0.14	274	1.28	523	2.64	595	2.78	96	0.31	93	0.23	75	0.26	187	0.64
Total top 5	22,078	33.59	1,068	32.12	632	41.64	952	24.21	2,228	27.83	4,865	42.75	4,000	45.37	1,168	33.13	2,794	37.60	2,051	29.23	2,320	28.67
Electrocardiogram	7,050	20.90	1,282	39.83	3,059	78.26	391	23.30	393	12.64	519	8.67	485	9.51	129	8.44	405	11.10	190	7.37	197	6.61
Prophylactic vaccinations and inoculations	669	1.98	-	-	-	-	-	-	119	3.83	309	5.16	203	3.98	10	0.65	12	0.33	3	0.12	13	0.44
Ancillary Services	334	0.99	106	3.29	8	0.20	14	0.83	32	1.03	23	0.38	15	0.29	51	3.34	65	1.78	15	0.58	5	0.17
Other diagnostic procedures (interview, evaluation, consultation)	154	0.46	16	0.50	8	0.20	104	6.20	13	0.42	-	-	3	0.06	1	0.07	3	0.08	1	0.04	5	0.17

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Health Exam of Defined Subpopulation (V70.5A)																						
Total Encounters	49,405	3.61	24,037	48.65	12,158	24.61	4,530	9.17	3,325	6.73	1,537	3.11	1,427	2.89	943	1.91	407	0.82	396	0.80	645	1.31
Total Procedures	22,159	1.94	10,416	19.25	6,250	10.50	2,387	2.42	1,465	1.20	784	0.63	373	0.30	273	0.21	66	0.05	62	0.04	83	0.06
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	14,893	67.21	6,583	63.20	4,103	65.65	2,090	87.56	850	58.02	564	71.94	304	81.50	227	83.15	49	74.24	49	79.03	74	89.16
Pure Tone Audiometry	3,542	23.78	1,623	24.65	604	14.72	656	31.39	315	37.06	180	31.91	83	27.30	36	15.86	18	36.73	14	28.57	13	17.57
Visual acuity screening	3,347	22.47	1,270	19.29	799	19.47	529	25.31	205	24.12	229	40.60	168	55.26	112	49.34	16	32.65	10	20.41	9	12.16
Screening Test, Pure Tone, Air Only	2,179	14.63	1,282	19.47	576	14.04	134	6.41	18	2.12	90	15.96	27	8.88	39	17.18	2	4.08	1	2.04	10	13.51
Color Vision Examination	1,368	9.19	584	8.87	554	13.50	115	5.50	79	9.29	9	1.60	3	0.99	7	3.08	3	6.12	10	20.41	4	5.41
Determination Of Refractive State	1,204	8.08	741	11.26	462	11.26	1	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total top 5	11,640	78.16	5,500	83.55	2,995	73.00	1,435	68.66	617	72.59	508	90.07	281	92.43	194	85.46	39	79.59	35	71.43	36	48.65
Other diagnostic cardiovascular procedures	1,937	8.74	1,223	11.74	713	11.41	-	-	1	0.07	-	-	-	-	-	-	-	-	-	-	-	
Ancillary Services	1,683	7.60	1,097	10.53	539	8.62	13	0.54	11	0.75	11	1.40	1	0.27	5	1.83	-	-	4	6.45	2	2.41
Electrocardiogram	1,424	6.43	667	6.40	423	6.77	152	6.37	72	4.91	54	6.89	24	6.43	16	5.86	8	12.12	4	6.45	4	4.82
Diagnostic ultrasound of heart (echocardiogram)	464	2.09	22	0.21	-	-	-	-	442	30.17	-	-	-	-	-	-	-	-	-	-	-	

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Fitness for Duty Exam (V70.57)																						
Total Encounters	82,326	6.02	8,196	9.96	12,104	14.70	9,015	10.95	6,434	7.82	5,019	6.10	4,360	5.30	5,949	7.23	6,194	7.52	12,620	15.33	12,435	15.10
Total Procedures	10,080	0.88	913	1.69	819	1.38	1,671	1.69	1,011	0.83	815	0.66	776	0.62	2,136	1.67	757	0.52	408	0.29	774	0.53
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	6,768	67.14	572	62.65	557	68.01	952	56.97	460	45.50	344	42.21	570	73.45	1,678	78.56	617	81.51	322	78.92	696	89.92
Visual acuity screening	2,019	29.83	159	27.80	191	34.29	449	47.16	178	38.70	106	30.81	168	29.47	377	22.47	142	23.01	76	23.60	173	24.86
Pure Tone Audiometry	1,760	26.00	114	19.93	142	25.49	94	9.87	72	15.65	76	22.09	148	25.96	586	34.92	234	37.93	125	38.82	169	24.28
Visual Function Screening	958	14.15	13	2.27	10	1.80	19	2.00	63	13.70	62	18.02	99	17.37	404	24.08	129	20.91	71	22.05	88	12.64
Screening Test, Pure Tone, Air Only	843	12.46	129	22.55	84	15.08	90	9.45	114	24.78	56	16.28	105	18.42	203	12.10	36	5.83	11	3.42	15	2.16
Color Vision Examination	521	7.70	83	14.51	90	16.16	46	4.83	15	3.26	11	3.20	30	5.26	42	2.50	40	6.48	32	9.94	132	18.97
Total top 5	6,101	90.14	498	87.06	517	92.82	698	73.32	442	96.09	311	90.41	550	96.49	1,612	96.07	581	94.17	315	97.83	577	82.90
Electrocardiogram	1,186	11.77	169	18.51	158	19.29	171	10.23	79	7.81	60	7.36	53	6.83	330	15.45	102	13.47	34	8.33	30	3.88
Psychological and psychiatric evaluation and therapy	625	6.20	-	-	-	-	68	4.07	247	24.43	276	33.87	34	4.38	-	-	-	-	-	-	-	-
Ancillary Services	573	5.68	18	1.97	31	3.79	401	24.00	38	3.76	19	2.33	24	3.09	17	0.80	10	1.32	4	0.98	11	1.42
Other diagnostic procedures on lung and bronchus	188	1.87	4	0.44	10	1.22	15	0.90	24	2.37	16	1.96	16	2.06	60	2.81	11	1.45	17	4.17	15	1.94

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Accession Exam (V70.58)																						
Total Exams	10,188	0.74	1,043	10.24	1,204	11.82	1,325	13.01	957	9.39	791	7.76	749	7.35	1,167	11.45	768	7.54	573	5.62	1,611	15.81
Total Procedures	7,772	0.68	567	1.05	560	0.94	882	0.89	914	0.75	730	0.59	988	0.80	1,524	1.19	952	0.66	354	0.25	301	0.21
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment	6,079	78.22	410	72.31	445	79.46	696	78.91	735	80.42	580	79.45	769	77.83	1,191	78.15	692	72.69	306	86.44	255	84.72
Pure Tone Audiometry	1,924	31.65	74	18.05	132	29.66	145	20.83	163	22.18	185	31.90	288	37.45	436	36.61	303	43.79	110	35.95	88	34.51
Visual acuity screening	1,663	27.36	114	27.80	137	30.79	270	38.79	270	36.73	179	30.86	220	28.61	232	19.48	107	15.46	76	24.84	58	22.75
Visual Function Screening	1,190	19.58	40	9.76	24	5.39	54	7.76	99	13.47	105	18.10	154	20.03	367	30.81	223	32.23	67	21.90	57	22.35
Screening Test, Pure Tone, Air Only	536	8.82	16	3.90	29	6.52	102	14.66	102	13.88	69	11.90	60	7.80	87	7.30	22	3.18	29	9.48	20	7.84
Color Vision Examination	305	5.02	12	2.93	6	1.35	67	9.63	60	8.16	27	4.66	26	3.38	36	3.02	23	3.32	21	6.86	27	10.59
Total top 5	5,618	92.42	256	62.44	328	73.71	638	91.67	694	94.42	565	97.41	748	97.27	1,158	97.23	678	97.98	303	99.02	250	98.04
Electrocardiogram	1,471	18.93	148	26.10	110	19.64	145	16.44	150	16.41	119	16.30	198	20.04	290	19.03	240	25.21	42	11.86	29	9.63
Ancillary Services	53	0.68	-	-	3	0.54	18	2.04	8	0.88	7	0.96	4	0.40	7	0.46	5	0.53	1	0.28	-	-
Pathology	35	0.45	1	0.18	1	0.18	7	0.79	3	0.33	2	0.27	1	0.10	3	0.20	4	0.42	1	0.28	12	3.99
Other therapeutic ear procedures	23	0.30	-	-	-	-	3	0.34	5	0.55	2	0.27	4	0.40	3	0.20	3	0.32	3	0.85	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Pre-Deployment Exam (V70.54)																						
Total Encounters	33,893	2.48	1,415	4.17	1,541	4.55	2,018	5.95	3,982	11.75	2,812	8.30	2,612	7.71	4,379	12.92	5,282	15.58	5,622	16.59	4,230	12.48
Total Procedures	4,459	0.39	443	0.82	128	0.22	323	0.33	370	0.30	425	0.34	586	0.47	742	0.58	659	0.46	493	0.35	290	0.20
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	2,509	56.27	19	4.29	20	15.63	134	41.49	190	51.35	249	58.59	445	75.94	550	74.12	348	52.81	362	73.43	192	66.21
Visual acuity screening	860	34.28	6	31.58	11	55.00	76	56.72	70	36.84	85	34.14	196	44.04	116	21.09	117	33.62	129	35.64	54	28.13
Pure Tone Audiometry	658	26.23	5	26.32	2	10.00	21	15.67	44	23.16	52	20.88	93	20.90	166	30.18	96	27.59	111	30.66	68	35.42
Visual Function Screening	461	18.37	2	10.53	1	5.00	9	6.72	13	6.84	52	20.88	98	22.02	187	34.00	44	12.64	34	9.39	21	10.94
Color Vision Examination	213	8.49	-	-	-	-	17	12.69	11	5.79	20	8.03	29	6.52	30	5.45	31	8.91	47	12.98	28	14.58
Screening Test, Pure Tone, Air Only	206	8.21	-	-	1	5.00	6	4.48	38	20.00	31	12.45	22	4.94	31	5.64	34	9.77	26	7.18	17	8.85
Total top 5	2,398	95.58	13	68.42	15	75.00	129	96.27	176	92.63	240	96.39	438	98.43	530	96.36	322	92.53	347	95.86	188	97.92
Prophylactic vaccinations and inoculations	839	18.82	272	61.40	47	36.72	56	17.34	99	26.76	88	20.71	9	1.54	50	6.74	162	24.58	33	6.69	23	7.93
Ancillary Services	349	7.83	139	31.38	45	35.16	2	0.62	7	1.89	20	4.71	30	5.12	49	6.60	52	7.89	3	0.61	2	0.69
Electrocardiogram	316	7.09	5	1.13	9	7.03	16	4.95	37	10.00	28	6.59	42	7.17	58	7.82	40	6.07	44	8.92	37	12.76
Other therapeutic procedures	126	2.83	-	-	1	0.78	104	32.20	-	-	-	-	-	-	3	0.40	13	1.97	2	0.41	3	1.03

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Termination Exam (V70.59)																						
Total Encounters	27,793	2.03	2,053	7.39	3,492	12.56	3,985	14.34	2,966	10.67	2,949	10.61	2,258	8.12	1,990	7.16	2,402	8.64	2,737	9.85	2,961	10.65
Total Procedures	2,569	0.22	184	0.34	171	0.29	426	0.43	365	0.30	374	0.30	308	0.25	253	0.20	232	0.16	141	0.10	115	0.08
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment	1,668	64.93	109	59.24	91	53.22	293	68.78	239	65.48	254	67.91	208	67.53	173	68.38	155	66.81	82	58.16	64	55.65
Pure Tone Audiometry	583	34.95	31	28.44	25	27.47	91	31.06	62	25.94	69	27.17	81	38.94	72	41.62	90	58.06	35	42.68	27	42.19
Visual acuity screening	453	27.16	24	22.02	31	34.07	107	36.52	78	32.64	75	29.53	50	24.04	36	20.81	23	14.84	15	18.29	14	21.88
Visual Function Screening	228	13.67	7	6.42	1	1.10	13	4.44	36	15.06	39	15.35	43	20.67	39	22.54	24	15.48	14	17.07	12	18.75
Screening Test, Pure Tone, Air Only	207	12.41	9	8.26	14	15.38	36	12.29	51	21.34	46	18.11	15	7.21	13	7.51	7	4.52	9	10.98	7	10.94
Color Vision Examination	57	3.42	7	6.42	1	1.10	6	2.05	3	1.26	5	1.97	14	6.73	9	5.20	4	2.58	5	6.10	3	4.69
Total top 5	1,528	91.61	78	71.56	72	79.12	253	86.35	230	96.23	234	92.13	203	97.60	169	97.69	148	95.48	78	95.12	63	98.44
Electrocardiogram	371	14.44	40	21.74	39	22.81	41	9.62	48	13.15	62	16.58	36	11.69	32	12.65	32	13.79	20	14.18	21	18.26
Ancillary Services	140	5.45	3	1.63	8	4.68	41	9.62	37	10.14	24	6.42	12	3.90	9	3.56	1	0.43	3	2.13	2	1.74
Excision of skin lesion	92	3.58	3	1.63	11	6.43	18	4.23	7	1.92	5	1.34	15	4.87	6	2.37	8	3.45	10	7.09	9	7.83
Other diagnostic procedures on lung and bronchus	75	2.92	3	1.63	7	4.09	2	0.47	8	2.19	10	2.67	9	2.92	8	3.16	14	6.03	8	5.67	6	5.22

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Exam Defined Population (V70.5H)																						
Total Encounters	13,419	0.98	-	-	-	-	-	-	-	-	-	-	34	0.25	1,069	7.97	1,099	8.19	6,115	45.57	5,102	38.02
Total Procedures	1,323	0.12	-	-	-	-	-	-	-	-	-	-	3	0.00	329	0.26	233	0.16	464	0.33	294	0.20
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	918	69.39	-	-	-	-	-	-	-	-	-	-	2	66.67	287	87.23	198	84.98	221	47.63	210	71.43
Pure Tone Audiometry	297	32.35	-	-	-	-	-	-	-	-	-	-	-	-	90	31.36	67	33.84	72	32.58	68	32.38
Visual Function Screening	232	25.27	-	-	-	-	-	-	-	-	-	-	1	50.00	59	20.56	62	31.31	51	23.08	59	28.10
Visual acuity screening	210	22.88	-	-	-	-	-	-	-	-	-	-	-	-	77	26.83	28	14.14	52	23.53	53	25.24
Color Vision Examination	82	8.93	-	-	-	-	-	-	-	-	-	-	-	-	28	9.76	11	5.56	23	10.41	20	9.52
Screening Test, Pure Tone, Air Only	77	8.39	-	-	-	-	-	-	-	-	-	-	1	50.00	31	10.80	27	13.64	11	4.98	7	3.33
Total top 5	898	97.82	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	285	99.30	195	98.48	209	94.57	207	98.57
Prophylactic vaccinations and inoculations	182	13.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1.72	176	37.93	2	0.68
Electrocardiogram	91	6.88	-	-	-	-	-	-	-	-	-	-	1	33.33	17	5.17	22	9.44	31	6.68	20	6.80
Psychological and psychiatric evaluation and therapy	42	3.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	14.29
Pathology	16	1.21	-	-	-	-	-	-	-	-	-	-	-	-	1	0.30	-	-	11	2.37	4	1.36

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Post-Deployment Exam (V70.56)																						
Total Encounters	21,716	1.59	2,902	13.36	1,026	4.72	2,574	11.85	2,454	11.30	1,494	6.88	1,353	6.23	1,462	6.73	2,140	9.85	2,046	9.42	4,265	19.64
Total Procedures	925	0.08	245	0.45	31	0.05	137	0.14	83	0.07	75	0.06	111	0.09	91	0.07	53	0.04	41	0.03	58	0.04
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	238	25.73	10	4.08	3	9.68	51	37.23	24	28.92	20	26.67	47	42.34	22	24.18	10	18.87	27	65.85	24	41.38
Pure Tone Audiometry	120	50.42	6	60.00	2	66.67	44	86.27	19	79.17	8	40.00	13	27.66	10	45.45	5	50.00	7	25.93	6	25.00
Visual Function Screening	38	15.97	1	10.00	-	-	-	-	-	-	3	15.00	14	29.79	5	22.73	1	10.00	8	29.63	6	25.00
Visual acuity screening	34	14.29	1	10.00	1	33.33	2	3.92	1	4.17	5	25.00	9	19.15	5	22.73	1	10.00	6	22.22	3	12.50
Screening Test, Pure Tone, Air Only	23	9.66	-	-	-	-	4	7.84	3	12.50	4	20.00	2	4.26	1	4.55	-	-	2	7.41	7	29.17
Color Vision Examination	17	7.14	1	10.00	-	-	-	-	-	-	-	-	9	19.15	-	-	3	30.00	2	7.41	2	8.33
Total top 5	232	97.48	9	90.00	3	100.00	50	98.04	23	95.83	20	100.00	47	100.00	21	95.45	10	100.00	25	92.59	24	100.00
Other therapeutic procedures	202	21.84	170	69.39	1	3.23	3	2.19	1	1.20	-	-	1	0.90	-	-	23	43.40	3	7.32	-	-
Ancillary Services	166	17.95	49	20.00	13	41.94	6	4.38	3	3.61	13	17.33	17	15.32	59	64.84	5	9.43	1	2.44	-	-
Other diagnostic procedures (interview, evaluation, consultation)	75	8.11	-	-	-	-	-	-	40	48.19	30	40.00	5	4.50	-	-	-	-	-	-	-	-
Other diagnostic cardiovascular procedures	46	4.97	-	-	-	-	45	32.85	-	-	-	-	1	0.90	-	-	-	-	-	-	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Pre-Deployment Assessment (V70.5D)																						
Total Encounters	12,503	0.91	-	-	-	-	-	-	7	0.06	867	6.93	883	7.06	752	6.01	1,258	10.06	4,245	33.95	4,491	35.92
Total Procedures	605	0.05	-	-	-	-	-	-	-	-	6	0.00	4	0.00	13	0.01	236	0.16	220	0.15	126	0.09
Top 5 Procedures																						
Prophylactic vaccinations and inoculations	477	78.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	203	86.02	188	85.45	86	68.25
Ophthalmologic and otologic diagnosis and treatment*	58	9.59	-	-	-	-	-	-	-	-	2	33.33	-	-	12	92.31	5	2.12	14	6.36	25	19.84
Visual acuity screening	17	29.31	-	-	-	-	-	-	-	-	-	-	-	-	3	25.00	2	40.00	4	28.57	8	32.00
Pure Tone Audiometry	15	25.86	-	-	-	-	-	-	-	-	1	50.00	-	-	2	16.67	-	-	5	35.71	7	28.00
Visual Function Screening	9	15.52	-	-	-	-	-	-	-	-	1	50.00	-	-	2	16.67	1	20.00	1	7.14	4	16.00
Screening Test, Pure Tone, Air Only	8	13.79	-	-	-	-	-	-	-	-	-	-	-	-	4	33.33	1	20.00	1	7.14	2	8.00
Color Vision Examination	7	12.07	-	-	-	-	-	-	-	-	-	-	-	-	1	8.33	-	-	2	14.29	4	16.00
Total top 5	56	96.55	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00	12	100.00	4	80.00	13	92.86	25	100.00
Other therapeutic procedures	19	3.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	7.63	-	-	1	0.79
Pathology	19	3.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2.12	7	3.18	7	5.56
Electrocardiogram	12	1.98	-	-	-	-	-	-	-	-	1	16.67	1	25.00	-	-	4	1.69	2	0.91	4	3.17

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
GWOT/Wounded Warrior Exam (V70.5G)																						
Total Encounters	940	0.07	-	-	-	-	-	-	-	-	208	22.13	705	75.00	5	0.53	5	0.53	4	0.43	13	1.38
Total Procedures	355	0.03	-	-	-	-	-	-	-	-	79	0.06	264	0.21	4	0.00	4	0.00	4	0.00	-	-
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	267	75.21	-	-	-	-	-	-	-	-	64	81.01	195	73.86	4	100.00	4	100.00	-	-	-	-
Pure Tone Audiometry	106	39.70	-	-	-	-	-	-	-	-	40	62.50	62	31.79	1	25.00	3	75.00	-	-	-	-
Visual acuity screening	73	27.34	-	-	-	-	-	-	-	-	12	18.75	59	30.26	1	25.00	1	25.00	-	-	-	-
Visual Function Screening	32	11.99	-	-	-	-	-	-	-	-	6	9.38	25	12.82	1	25.00	-	-	-	-	-	-
Color Vision Examination	28	10.49	-	-	-	-	-	-	-	-	4	6.25	24	12.31	-	-	-	-	-	-	-	-
Screening Test, Pure Tone, Air Only	25	9.36	-	-	-	-	-	-	-	-	-	-	24	12.31	1	25.00	-	-	-	-	-	-
Total top 5	264	98.88	0	0.00	0	0.00	0	0.00	0	0.00	62	96.88	194	99.49	4	100.00	4	100.00	0	0.00	0	0.00
Electrocardiogram	38	10.70	-	-	-	-	-	-	-	-	9	11.39	29	10.98	-	-	-	-	-	-	-	-
Other diagnostic procedures (interview, evaluation, consultation)	14	3.94	-	-	-	-	-	-	-	-	1	1.27	13	4.92	-	-	-	-	-	-	-	-
Ancillary Services	11	3.10	-	-	-	-	-	-	-	-	1	1.27	10	3.79	-	-	-	-	-	-	-	-
Other non-OR therapeutic procedures on respiratory system	6	1.69	-	-	-	-	-	-	-	-	2	2.53	4	1.52	-	-	-	-	-	-	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Physical Exam, Abbreviated Separation (V70.5B)																						
Total Encounters	3,523	0.26	-	-	-	-	24	0.68	441	12.52	651	18.48	521	14.79	511	14.50	466	13.23	410	11.64	499	14.16
Total Procedures	238	0.02	-	-	-	-	2	0.00	55	0.05	65	0.05	16	0.01	49	0.04	20	0.01	16	0.01	15	0.01
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	143	60.08	-	-	-	-	-	-	41	74.55	45	69.23	5	31.25	31	63.27	4	20.00	8	50.00	9	60.00
Visual Function Screening	45	31.47	-	-	-	-	-	-	14	34.15	16	35.56	1	20.00	7	22.58	2	50.00	3	37.50	2	22.22
Pure Tone Audiometry	38	26.57	-	-	-	-	-	-	7	17.07	15	33.33	2	40.00	6	19.35	-	-	3	37.50	5	55.56
Visual acuity screening	17	11.89	-	-	-	-	-	-	4	9.76	2	4.44	1	20.00	7	22.58	-	-	1	12.50	2	22.22
Screening Test, Pure Tone, Air Only	17	11.89	-	-	-	-	-	-	4	9.76	5	11.11	-	-	6	19.35	2	50.00	-	-	-	-
Serial Tonometry	11	7.69	-	-	-	-	-	-	7	17.07	4	8.89	-	-	-	-	-	-	-	-	-	-
Total top 5	128	89.51	0	0.00	0	0.00	0	0.00	36	87.80	42	93.33	4	80.00	26	83.87	4	100.00	7	87.50	9	100.00
Electrocardiogram	35	14.71	-	-	-	-	1	50.00	7	12.73	9	13.85	5	31.25	4	8.16	5	25.00	-	-	4	26.67
Ancillary Services	21	8.82	-	-	-	-	-	-	1	1.82	6	9.23	1	6.25	7	14.29	6	30.00	-	-	-	-
Excision of skin lesion	12	5.04	-	-	-	-	-	-	1	1.82	4	6.15	1	6.25	2	4.08	2	10.00	1	6.25	1	6.67
Other diagnostic procedures on lung and bronchus	4	1.68	-	-	-	-	-	-	2	3.64	-	-	-	-	-	-	1	5.00	1	6.25	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Initial Post-Deployment Assessment (V70.5E)																						
Total Encounters	5,460	0.40	-	-	-	-	-	-	-	-	426	7.80	512	9.38	613	11.23	644	11.79	1,952	35.75	1,313	24.05
Total Procedures	85	0.01	-	-	-	-	-	-	-	-	8	0.01	18	0.01	3	0.00	22	0.02	18	0.01	16	0.01
Top 5 Procedures																						
Prophylactic vaccinations and inoculations	18	21.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	27.27	6	33.33	6	37.50
Ophthalmologic and otologic diagnosis and treatment*	17	20.00	-	-	-	-	-	-	-	-	4	50.00	1	5.56	2	66.67	2	9.09	2	11.11	6	37.50
Screening Test, Pure Tone, Air Only	6	33.33	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	2	33.33
Pure Tone Audiometry	5	27.78	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	16.67	1	16.67	1	16.67
Visual Function Screening	4	22.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16.67	1	16.67	2	33.33
Visual acuity screening	1	5.56	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Color Vision Examination	1	5.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16.67
Total top 5	17	94.44	0	0.00	0	0.00	0	0.00	0	0.00	4	0.00	1	0.00	2	0.00	2	33.33	2	33.33	6	100.00
Other diagnostic procedures (interview, evaluation, consultation)	17	20.00	-	-	-	-	-	-	-	-	-	-	17	94.44	-	-	-	-	-	-	-	-
Other therapeutic procedures	11	12.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	50.00	-	-	-	-
Excision of skin lesion	6	7.06	-	-	-	-	-	-	-	-	1	12.50	-	-	-	-	1	4.55	-	-	4	25.00

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Post-Deployment Reassessment (V70.5F)																						
Total Encounters	6,871	0.50	-	-	-	-	-	-	-	-	167	2.43	285	4.15	349	5.08	389	5.66	2,336	34.00	3,345	48.68
Total Procedures	76	0.01	-	-	-	-	-	-	-	-	4	0.00	7	0.01	5	0.00	12	0.01	10	0.01	38	0.03
Top 5 Procedures																						
Laboratory - Chemistry and Hematology	22	28.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	10.00	21	55.26
Ophthalmologic and otologic diagnosis and treatment	17	22.37	-	-	-	-	-	-	-	-	1	25.00	-	-	2	40.00	3	25.00	4	40.00	7	18.42
Pure Tone Audiometry	9	52.94	-	-	-	-	-	-	-	-	1	100.00	-	-	-	-	2	66.67	3	75.00	3	42.86
Visual acuity screening	4	23.53	-	-	-	-	-	-	-	-	-	-	-	-	2	100.00	-	-	-	-	2	28.57
Visual Function Screening	3	17.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	33.33	1	25.00	1	14.29
Screening Test, Pure Tone, Air Only	1	5.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	14.29
Total top 5	34	122.37	0	0.00	0	0.00	0	0.00	0	0.00	2	125.00	0	0.00	4	140.00	6	125.00	8	140.00	14	118.42
Ancillary Services	7	9.21	-	-	-	-	-	-	-	-	1	25.00	-	-	2	40.00	4	33.33	-	-	-	-
Other diagnostic procedures (interview, evaluation, consultation)	6	7.89	-	-	-	-	-	-	-	-	1	25.00	5	71.43	-	-	-	-	-	-	-	-
Excision of skin lesion	6	7.89	-	-	-	-	-	-	-	-	-	-	-	-	1	20.00	3	25.00	1	10.00	1	2.63
Laboratory - Chemistry and Hematology	22	28.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	10.00	21	55.26

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
During Deployment Exam (V70.55)																						
Total Encounters	329	0.02	72	21.88	31	9.42	40	12.16	69	20.97	22	6.69	17	5.17	14	4.26	17	5.17	23	6.99	24	7.29
Total Procedures	23	0.00	1	0.00	3	0.01	2	0.00	1	0.00	3	0.00	8	0.01	3	0.00	-	-	1	0.00	1	0.00
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	14	60.87	-	-	1	33.33	-	-	-	-	3	100.00	7	87.50	2	66.67	-	-	-	-	1	100.00
Visual acuity screening	4	28.57	-	-	-	-	-	-	-	-	2	66.67	2	28.57	-	-	-	-	-	-	-	-
Pure Tone Audiometry	3	21.43	-	-	-	-	-	-	-	-	1	33.33	1	14.29	1	50.00	-	-	-	-	-	-
Visual Function Screening	3	21.43	-	-	-	-	-	-	-	-	-	-	2	28.57	1	50.00	-	-	-	-	-	-
Screening Test, Pure Tone, Air Only	3	21.43	-	-	-	-	-	-	-	-	-	-	2	28.57	-	-	-	-	-	-	1	100.00
Distortion Product Evoked Otoacoustic Emissions	1	7.14	-	-	1	100.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total top 5	14	100.00	0	0.00	1	100.00	0	0.00	0	0.00	3	100.00	7	100.00	2	100.00	0	0.00	0	0.00	1	100.00
Electrocardiogram	3	13.04	1	100.00	1	33.33	-	-	-	-	-	-	-	-	-	-	-	-	1	100.00	-	-
Ancillary Services	2	8.70	-	-	1	33.33	-	-	-	-	-	-	-	-	1	33.33	-	-	-	-	-	-
Other diagnostic procedures on lung and bronchus	1	4.35	-	-	-	-	-	-	-	-	-	-	1	12.50	-	-	-	-	-	-	-	-
Excision of skin lesion	1	4.35	-	-	-	-	1	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 23 cont. Top five Clinical Classification Software for Services and Procedures groups for encounters with an ICD-9 V70.5 DoD extender, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Physical Readiness Test (PRT) Exam (V70.5C)																						
Total Encounters	378	0.03	-	-	-	-	-	-	-	-	26	6.88	29	7.67	59	15.61	20	5.29	41	10.85	203	53.70
Total Procedures	16	0.00	-	-	-	-	-	-	-	-	1	0.00	3	0.00	5	0.00	1	0.00	1	0.00	5	0.00
Top 5 Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	7	43.75	-	-	-	-	-	-	-	-	-	-	3	100.00	1	20.00	-	-	-	-	3	60.00
Visual acuity screening	3	42.86	-	-	-	-	-	-	-	-	-	-	1	33.33	1	100.00	-	-	-	-	1	33.33
Screening Test, Pure Tone, Air Only	2	28.57	-	-	-	-	-	-	-	-	-	-	2	66.67	-	-	-	-	-	-	-	-
Color Vision Examination	1	14.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	33.33
Visual Field Examination	1	14.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	33.33
Total top 5	14	143.75	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	200.00	2	120.00	0	0.00	0	0.00	6	160.00
Electrocardiogram	6	37.50	-	-	-	-	-	-	-	-	1	100.00	-	-	3	60.00	1	100.00	-	-	1	20.00
Other diagnostic procedures on lung and bronchus	1	6.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	20.00
Other therapeutic ear procedures	1	6.25	-	-	-	-	-	-	-	-	-	-	-	-	1	20.00	-	-	-	-	-	-
Other physical therapy and rehabilitation	1	6.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	100.00	-	-

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 24. Top ten procedures for all encounters at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Top Procedures Encounters with a Primary Diagnosis of a V70.5 exam		
CCS-Services and Procedures*	n	%
Overall	1,593,445	100.00
Top 10		
Ophthalmologic and otologic diagnosis and treatment**	1,047,629	65.75
Pure Tone Audiometry	321,796	30.72
Visual acuity screening	300,563	28.69
Visual Function Screening	161,054	15.37
Screening Test, Pure Tone, Air Only	107,551	10.27
Color Vision Examination	79,568	7.60
Total top 5	970,532	92.64
Electrocardiogram	105,377	6.61
Prophylactic vaccinations and inoculations	85,347	5.36
Ancillary Services	50,208	3.15
Excision of skin lesion	45,001	2.82
Other therapeutic procedures	41,502	2.60
Pathology	30,263	1.90
Other diagnostic procedures on lung and bronchus	24,019	1.51
Physical therapy exercises, manipulation, and other procedures	16,302	1.02
Medications (Injections, infusions and other forms)	14,167	0.89

* Clinical Classification Software for Services and Procedures is available on their website: http://www.hcup-us.ahrq.gov/toolssoftware/ccs_svcsproc/ccssvcproc.jsp.

**Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 25. Top ten procedures for V70.5 exam encounters vs. other primary diagnosis at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Top Procedures for Encounters with a Primary Diagnosis of a V70.5 exam		
CCS-Services and Procedures*	N	%
Overall	1,143,188	100.00
Top 10		
Ophthalmologic and otologic diagnosis and treatment**	976,746	85.44
Pure Tone Audiometry	293,365	30.03
Visual acuity screening	283,011	28.97
Visual Function Screening	153,423	15.71
Screening Test, Pure Tone, Air Only	100,902	10.33
Color Vision Examination	75,690	7.75
Total top 5	906,391	92.80
Electrocardiogram	86,292	7.55
Other diagnostic procedures on lung and bronchus	19,792	1.73
Ancillary Services	14,002	1.22
Other non-OR therapeutic procedures on respiratory system	7,544	0.66
Prophylactic vaccinations and inoculations	6,474	0.57
Other diagnostic procedures (interview, evaluation, consultation)	4,887	0.43
Other diagnostic cardiovascular procedures	3,752	0.33
Psychological and psychiatric evaluation and therapy	3,416	0.30
Excision of skin lesion	3,349	0.29

Top Procedures for Encounters with Other Primary Diagnoses		
CCS-Services and Procedures*	N	%
Overall	450,257	100.00
Top 10		
Prophylactic vaccinations and inoculations	78,873	17.52
Ophthalmologic and otologic diagnosis and treatment**	70,883	15.74
Pure Tone Audiometry	28,431	40.11
Visual acuity screening	17,552	24.76
Visual Function Screening	7,631	10.77
Screening Test, Pure Tone, Air Only	6,649	9.38
Color Vision Examination	3,878	5.47
Total top 5	64,141	90.49
Excision of skin lesion	41,652	9.25
Other therapeutic procedures	39,992	8.88
Ancillary Services	36,206	8.04
Pathology	28,869	6.41
Electrocardiogram	19,085	4.24
Physical therapy exercises, manipulation, and other procedures	16,137	3.58
Medications (Injections, infusions and other forms)	14,049	3.12
Other physical therapy and rehabilitation	12,476	2.77

* Clinical Classification Software for Services and Procedures is available on their website: http://www.hcup-us.ahrq.gov/toolssoftware/ccs_svcsproc/ccssvcproc.jsp.

**Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 26. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total Encounters	3,461,924	100.00	411,292	100.00	384,412	100.00	367,175	100.00	354,515	100.00	330,969	100.00	304,387	100.00	308,206	100.00	320,859	100.00	316,929	100.00	363,180	100.00
Total Procedures	450,257	100.00	49,815	100.00	43,078	100.00	47,191	100.00	58,437	100.00	47,125	100.00	40,928	100.00	41,315	100.00	44,802	100.00	32,801	100.00	44,765	100.00
Administrative/social admission																						
Total Encounters	489,182	14.33	66,472	13.59	62,902	12.86	60,829	12.43	71,697	14.66	60,741	12.42	23,006	4.70	25,963	5.31	33,324	6.81	35,666	7.29	48,582	9.93
Total Procedures	26,779	8.36	2,808	8.25	1,784	5.79	1,716	5.08	3,362	8.58	2,187	6.59	693	2.30	2,261	7.48	6,102	18.62	1,573	6.35	4,293	13.64
Top 5 Procedures																						
Ancillary Services	16,119	60.19	1,836	65.38	593	33.24	683	39.80	941	27.99	468	21.40	157	22.66	1,451	64.18	5,400	88.50	1,020	64.84	3,570	83.16
Ophthalmologic and otologic diagnosis and treatment*	7,872	48.84	1,529	83.28	940	158.52	764	111.86	1,764	187.46	976	208.55	212	135.03	629	43.35	369	6.83	275	26.96	414	11.60
Visual acuity screening	2,814	17.46	374	20.37	401	67.62	438	64.13	703	74.71	405	86.54	68	43.31	121	8.34	97	1.80	108	10.59	99	2.77
Pure Tone Audiometry	2,220	13.77	618	33.66	261	44.01	91	13.32	460	48.88	248	52.99	51	32.48	241	16.61	170	3.15	37	3.63	43	1.20
Visual Function Screening	903	5.60	6	0.33	11	1.85	83	12.15	241	25.61	114	24.36	28	17.83	159	10.96	37	0.69	31	3.04	193	5.41
Color Vision Examination	739	4.58	322	17.54	209	35.24	15	2.20	33	3.51	10	2.14	12	7.64	30	2.07	25	0.46	31	3.04	52	1.46
Screening Test, Pure Tone, Air Only	567	2.12	75	2.67	28	1.57	70	4.08	148	4.40	92	4.21	37	5.34	53	2.34	16	0.26	28	1.78	20	0.47
Total top 5	7,243	92.01	1,395	91.24	910	96.81	697	91.23	1,585	89.85	869	89.04	196	92.45	604	96.03	345	93.50	235	85.45	407	98.31
Prophylactic vaccinations and inoculations	4,687	17.50	1,704	60.68	566	31.73	56	3.26	1,234	36.70	935	42.75	42	6.06	25	1.11	24	0.39	28	1.78	73	1.70
Psychological and psychiatric evaluation and therapy	1,711	6.39	130	4.63	153	8.58	134	7.81	232	6.90	152	6.95	180	25.97	113	5.00	274	4.49	165	10.49	178	4.15
Electrocardiogram	869	3.25	202	7.19	95	5.33	81	4.72	132	3.93	131	5.99	50	7.22	51	2.26	48	0.79	34	2.16	45	1.05

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Upper Respiratory Infections																						
Total Encounters	364,335	10.67	52,267	14.35	45,425	12.47	45,984	12.62	37,227	10.22	34,167	9.38	33,023	9.06	32,408	8.90	28,675	7.87	26,691	7.33	28,468	7.81
Total Procedures	15,252	6.14	1,799	7.76	1,467	7.67	2,482	9.51	1,824	5.01	1,557	6.07	1,437	6.98	1,704	7.01	1,152	4.22	954	5.37	876	3.15
Top 5 Procedures																						
Microscopic examination (bacterial smear, culture, toxicology)	2,980	19.54	289	16.06	388	26.45	499	20.10	383	21.00	324	20.81	289	20.11	223	13.09	169	14.67	232	24.32	184	21.00
Laboratory - Chemistry and Hematology	2,582	16.93	197	10.95	162	11.04	636	25.62	461	25.27	228	14.64	221	15.38	348	20.42	171	14.84	107	11.22	51	5.82
Other therapeutic procedures	2,330	15.28	218	12.12	217	14.79	254	10.23	203	11.13	257	16.51	235	16.35	314	18.43	221	19.18	202	21.17	209	23.86
Ancillary Services	2,143	14.05	428	23.79	188	12.82	365	14.71	198	10.86	207	13.29	240	16.70	251	14.73	111	9.64	71	7.44	84	9.59
Medications (Injections, infusions and other forms)	946	6.20	156	8.67	162	11.04	164	6.61	125	6.85	89	5.72	59	4.11	63	3.70	42	3.65	54	5.66	32	3.65

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Medical examination/evaluation																						
Total Encounters	361,230	10.58	18,384	5.09	16,211	4.49	19,247	5.33	18,916	5.24	25,964	7.19	44,268	12.25	51,629	14.29	53,159	14.72	53,503	14.81	59,949	16.60
Total Procedures	59,918	24.13	2,544	10.97	2,353	12.30	6,357	24.37	8,084	22.19	8,101	31.57	8,064	39.14	7,342	30.22	5,517	20.20	4,220	23.77	7,336	26.39
Top Procedures																						
Ophthalmologic and otologic diagnosis and treatment*	28,033	46.79	1,265	49.72	624	26.52	1,904	29.95	2,503	30.96	3,002	37.06	4,900	60.76	3,898	53.09	3,354	60.79	2,232	52.89	4,351	59.31
Visual acuity screening	9,473	33.79	342	27.04	371	59.46	1,095	57.51	1,286	51.38	886	29.51	1,100	22.45	906	23.24	1,118	33.33	739	33.11	1,630	37.46
Pure Tone Audiometry	5,948	199.60	480	166.09	155	39.95	164	32.87	345	90.08	575	177.47	1,320	456.75	1,167	523.32	792	468.64	483	208.19	467	253.80
Visual Function Screening	5,273	176.95	20	6.92	16	4.12	61	12.22	270	70.50	681	210.19	1,307	452.25	1,072	480.72	441	260.95	390	168.10	1,015	551.63
Color Vision Examination	2,460	82.55	65	22.49	15	3.87	59	11.82	79	20.63	100	30.86	107	37.02	110	49.33	460	272.19	329	141.81	1,136	617.39
Screening Test, Pure Tone, Air Only	2,197	73.72	210	72.66	28	7.22	371	74.35	362	94.52	384	118.52	346	119.72	277	124.22	107	63.31	56	24.14	56	30.43
Total top 5	25,351	90.43	1,117	88.30	585	93.75	1,750	91.91	2,342	93.57	2,626	87.48	4,180	85.31	3,532	90.61	2,918	87.00	1,997	89.47	4,304	98.92
Pathology	17,268	28.82	120	4.72	1,063	45.18	3,356	52.79	3,160	39.09	2,678	33.06	1,919	23.80	1,936	26.37	1,152	20.88	1,062	25.17	822	11.21
Electrocardiogram	3,408	5.69	224	8.81	157	6.67	232	3.65	284	3.51	288	3.56	296	3.67	244	3.32	280	5.08	208	4.93	1,195	16.29
Prophylactic vaccinations and inoculations	3,207	5.35	3	0.12	8	0.34	23	0.36	1,346	16.65	1,290	15.92	95	1.18	113	1.54	91	1.65	107	2.54	131	1.79
Ancillary Services	2,642	4.41	315	12.38	135	5.74	157	2.47	129	1.60	189	2.33	279	3.46	650	8.85	177	3.21	183	4.34	428	5.83

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Back Problems																						
Total Encounters	124,984	3.66	12,798	10.24	14,265	11.41	12,142	9.71	10,788	8.63	10,439	8.35	10,366	8.29	11,279	9.02	12,688	10.15	13,971	11.18	16,248	13.00
Total Procedures	16,376	6.60	1,507	6.50	1,018	5.32	755	2.89	818	2.25	973	3.79	1,165	5.65	2,033	8.37	2,162	7.92	2,323	13.09	3,622	13.03
Top 5 Procedures																						
Other physical therapy and rehabilitation	5,706	34.84	88	5.84	54	5.30	20	2.65	36	4.40	67	6.89	234	20.09	1,075	52.88	1,095	50.65	1,217	52.39	1,820	50.25
Physical therapy exercises, manipulation, and other procedures	5,118	31.25	947	62.84	491	48.23	207	27.42	224	27.38	337	34.64	491	42.15	552	27.15	582	26.92	536	23.07	751	20.73
Other therapeutic procedures	1,547	9.45	95	6.30	115	11.30	128	16.95	181	22.13	194	19.94	164	14.08	153	7.53	163	7.54	195	8.39	159	4.39
Ancillary Services	906	5.53	84	5.57	100	9.82	128	16.95	132	16.14	115	11.82	62	5.32	40	1.97	91	4.21	95	4.09	59	1.63
Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	605	3.69	74	4.91	62	6.09	66	8.74	42	5.13	63	6.47	54	4.64	43	2.12	44	2.04	29	1.25	128	3.53
Other non-traumatic joint disorders																						
Total Encounters	116,131	3.40	10,409	8.96	13,093	11.27	11,296	9.73	9,692	8.35	9,386	8.08	9,112	7.85	9,482	8.16	12,108	10.43	14,310	12.32	17,243	14.85
Total Procedures	5,206	1.62	443	1.30	415	1.35	420	1.24	394	1.01	317	0.96	270	0.89	379	1.25	516	1.57	627	2.53	1,425	4.53
Top 5 Procedures																						
Physical therapy exercises, manipulation, and other procedures	1,150	22.09	1	0.23	7	1.69	5	1.19	7	1.78	7	2.21	10	3.70	147	38.79	193	37.40	189	30.14	584	40.98
Arthrocentesis	632	12.14	40	9.03	48	11.57	50	11.90	56	14.21	48	15.14	49	18.15	46	12.14	86	16.67	95	15.15	114	8.00
Ancillary Services	549	10.55	69	15.58	48	11.57	47	11.19	45	11.42	35	11.04	18	6.67	27	7.12	51	9.88	58	9.25	151	10.60
DME and supplies	400	7.68	34	7.67	57	13.73	62	14.76	41	10.41	28	8.83	27	10.00	27	7.12	22	4.26	48	7.66	54	3.79
Traction, splints, and other wound care	365	7.01	34	7.67	30	7.23	40	9.52	31	7.87	55	17.35	29	10.74	22	5.80	29	5.62	40	6.38	55	3.86

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Sprains and Strains																						
Total Encounters	111,289	3.26	9,463	8.50	10,893	9.79	11,355	10.20	10,840	9.74	11,464	10.30	10,848	9.75	10,270	9.23	12,048	10.83	11,248	10.11	12,860	11.56
Total Procedures	7,624	3.07	547	2.36	535	2.80	497	1.90	495	1.36	395	1.54	327	1.59	495	2.04	702	2.57	844	4.75	2,787	10.03
Top 5 Procedures																						
Physical therapy exercises, manipulation, and other procedures	2,446	32.08	10	1.83	24	4.49	5	1.01	7	1.41	11	2.78	14	4.28	224	45.25	300	42.74	304	36.02	1,547	55.51
Arthrocentesis	652	8.55	41	7.50	51	9.53	52	10.46	58	11.72	49	12.41	50	15.29	48	9.70	87	12.39	97	11.49	119	4.27
Other physical therapy and rehabilitation	623	8.17	104	19.01	49	9.16	17	3.42	15	3.03	18	4.56	37	11.31	25	5.05	25	3.56	51	6.04	282	10.12
Ancillary Services	576	7.56	83	15.17	52	9.72	47	9.46	46	9.29	36	9.11	20	6.12	28	5.66	52	7.41	59	6.99	153	5.49
DME and supplies	484	6.35	41	7.50	69	12.90	75	15.09	53	10.71	43	10.89	30	9.17	30	6.06	25	3.56	59	6.99	59	2.12

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Aftercare																						
Total Encounters	103,569	3.03	24,360	23.52	18,958	18.30	17,055	16.47	9,939	9.60	6,154	5.94	5,113	4.94	5,283	5.10	5,381	5.20	5,279	5.10	6,047	5.84
Total Procedures	7,010	2.82	779	3.36	775	4.05	1,415	5.42	1,048	2.88	407	1.59	484	2.35	395	1.63	330	1.21	378	2.13	999	3.59
Top 5 Procedures																						
Other therapeutic procedures	2,724	38.86	203	26.06	413	53.29	438	30.95	383	36.55	227	55.77	290	59.92	214	54.18	190	57.58	193	51.06	173	17.32
Ancillary Services	1,094	15.61	146	18.74	33	4.26	455	32.16	304	29.01	33	8.11	17	3.51	31	7.85	24	7.27	7	1.85	44	4.40
Physical therapy exercises, manipulation, and other procedures	616	8.79	-	-	1	0.13	-	-	2	0.19	4	0.98	6	1.24	2	0.51	6	1.82	73	19.31	522	52.25
Ophthalmologic and otologic diagnosis and treatment*	353	5.04	30	3.85	19	2.45	75	5.30	75	7.16	17	4.18	11	2.27	23	5.82	7	2.12	21	5.56	75	7.51
Pure Tone Audiometry	130	36.83	4	13.33	4	21.05	18	24.00	33	44.00	3	17.65	4	36.36	3	13.04	1	14.29	5	23.81	55	73.33
Visual acuity screening	101	28.61	9	30.00	7	36.84	17	22.67	23	30.67	9	52.94	3	27.27	14	60.87	3	42.86	6	28.57	10	13.33
Visual Function Screening	30	8.50	3	10.00	-	-	5	6.67	3	4.00	2	11.76	1	9.09	4	17.39	2	28.57	6	28.57	4	5.33
Screening Test, Pure Tone, Air Only	20	5.67	2	6.67	3	15.79	4	5.33	9	12.00	-	-	1	9.09	-	-	-	-	-	-	1	1.33
Tympanometry (Impedance Testing)	20	5.67	1	3.33	4	21.05	3	4.00	4	5.33	1	5.88	1	9.09	-	-	1	14.29	3	14.29	2	2.67
Total top 5	301	85.27	19	63.33	18	94.74	47	62.67	72	96.00	15	88.24	10	90.91	21	91.30	7	100.00	20	95.24	72	96.00
Excision of skin lesion	303	4.32	54	6.93	45	5.81	66	4.66	61	5.82	15	3.69	21	4.34	13	3.29	8	2.42	9	2.38	11	1.10

*Top 5 Ophthalmologic and otologic diagnosis and treatment Current Procedural Terminology (CPT) codes indented on lines below.

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Connective Tissue Diseases																						
Total Encounters	90,591	2.65	8,331	9.20	9,456	10.44	9,166	10.12	8,723	9.63	8,140	8.99	7,633	8.43	8,125	8.97	9,384	10.36	9,902	10.93	11,731	12.95
Total Procedures	8,700	3.50	700	3.02	649	3.39	813	3.12	748	2.05	713	2.78	522	2.53	900	3.70	976	3.57	1,082	6.10	1,597	5.75
Top 5 Procedures																						
Physical therapy exercises, manipulation, and other procedures	2,282	26.23	25	3.57	23	3.54	11	1.35	13	1.74	54	7.57	59	11.30	383	42.56	418	42.83	537	49.63	759	47.53
Arthrocentesis	1,202	13.82	62	8.86	112	17.26	139	17.10	151	20.19	133	18.65	109	20.88	129	14.33	130	13.32	97	8.96	140	8.77
Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	660	7.59	58	8.29	55	8.47	84	10.33	73	9.76	81	11.36	60	11.49	42	4.67	81	8.30	71	6.56	55	3.44
Medications (Injections, infusions and other forms)	571	6.56	77	11.00	90	13.87	119	14.64	96	12.83	57	7.99	27	5.17	26	2.89	32	3.28	20	1.85	27	1.69
Other physical therapy and rehabilitation	566	6.51	107	15.29	37	5.70	40	4.92	36	4.81	55	7.71	43	8.24	37	4.11	39	4.00	47	4.34	125	7.83

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Immunizations and screening for infectious disease																						
Total Encounters	88,346	2.59	11,316	12.81	9,740	11.02	10,804	12.23	13,550	15.34	8,307	9.40	7,571	8.57	7,489	8.48	7,453	8.44	6,305	7.14	5,811	6.58
Total Procedures	75,781	30.52	6,422	27.69	6,915	36.13	9,042	34.66	15,874	43.57	8,053	31.38	5,710	27.72	7,023	28.91	8,352	30.59	4,475	25.21	3,915	14.08
Top 5 Procedures																						
Prophylactic vaccinations and inoculations	67,510	89.09	3,792	59.05	5,339	77.21	8,218	90.89	14,682	92.49	7,381	91.66	5,119	89.65	6,797	96.78	8,077	96.71	4,333	96.83	3,772	96.35
Ancillary Services	2,663	3.51	1,455	22.66	876	12.67	88	0.97	130	0.82	21	0.26	11	0.19	35	0.50	31	0.37	5	0.11	11	0.28
Other therapeutic procedures	2,217	2.93	980	15.26	383	5.54	230	2.54	100	0.63	84	1.04	314	5.50	22	0.31	26	0.31	31	0.69	47	1.20
Other Laboratory	1,687	2.23	6	0.09	221	3.20	174	1.92	555	3.50	243	3.02	153	2.68	112	1.59	139	1.66	41	0.92	43	1.10
Other diagnostic procedures (interview, evaluation, consultation)	858	1.13	6	0.09	-	-	247	2.73	327	2.06	198	2.46	57	1.00	5	0.07	1	0.01	15	0.34	2	0.05

Table 26 cont. Top five Clinical Classification Software for Services and Procedures groups for the top 10 diagnoses other than ICD-9 V70.5, USAF Flight and Operational Medicine Clinics, 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Other Skin Disorders																						
Total Encounters	85,235	2.50	10,336	12.13	10,125	11.88	9,210	10.81	8,576	10.06	7,927	9.30	7,564	8.87	7,633	8.96	7,545	8.85	7,533	8.84	8,786	10.31
Total Procedures	14,878	5.99	1,833	7.90	1,772	9.26	1,900	7.28	1,860	5.11	1,564	6.09	1,351	6.56	1,183	4.87	1,100	4.03	1,119	6.30	1,196	4.30
Top 5 Procedures																						
Excision of skin lesion	6,971	46.85	776	42.33	808	45.60	934	49.16	931	50.05	758	48.47	652	48.26	582	49.20	499	45.36	502	44.86	529	44.23
Other non-OR therapeutic procedures on skin and breast	2,806	18.86	357	19.48	387	21.84	343	18.05	299	16.08	267	17.07	196	14.51	192	16.23	264	24.00	264	23.59	237	19.82
Other diagnostic procedures on skin and subcutaneous tissue	1,628	10.94	172	9.38	159	8.97	162	8.53	249	13.39	182	11.64	202	14.95	149	12.60	122	11.09	115	10.28	116	9.70
Incision and drainage, skin and subcutaneous tissue	818	5.50	101	5.51	108	6.09	102	5.37	81	4.35	79	5.05	83	6.14	73	6.17	67	6.09	65	5.81	59	4.93
Other therapeutic procedures	601	4.04	107	5.84	107	6.04	85	4.47	53	2.85	48	3.07	47	3.48	34	2.87	37	3.36	30	2.68	53	4.43

Table 27. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Education and Training Command (AETC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	187,705	100.00	17,650	100.00	18,045	100.00	20,485	100.00	19,569	100.00	20,214	100.00	18,358	100.00	16,307	100.00	18,277	100.00	20,093	100.00	18,707	100.00
Aviation Exam	111,116	59.20	4,497	25.48	5,878	32.57	13,325	65.05	13,732	70.17	14,387	71.17	12,537	68.29	10,502	64.40	11,014	60.26	12,719	63.30	12,525	66.95
Occupational Exam	23,667	12.61	1,255	7.11	1,653	9.16	3,310	16.16	2,882	14.73	2,650	13.11	2,808	15.30	2,417	14.82	2,234	12.22	2,260	11.25	2,198	11.75
Periodic Prevention Exam	23,461	12.50	3,805	21.56	4,432	24.56	1,384	6.76	1,078	5.51	1,437	7.11	1,301	7.09	1,878	11.52	3,322	18.18	2,923	14.55	1,901	10.16
Armed Forces Exam	8,943	4.76	2,574	14.58	3,407	18.88	437	2.13	312	1.59	405	2.00	444	2.42	142	0.87	322	1.76	486	2.42	414	2.21
Health Exam	6,252	3.33	3,997	22.65	1,051	5.82	304	1.48	138	0.71	163	0.81	217	1.18	148	0.91	80	0.44	47	0.23	107	0.57
Fitness For Duty Exam	3,501	1.87	547	3.10	515	2.85	369	1.80	432	2.21	439	2.17	262	1.43	392	2.40	217	1.19	150	0.75	178	0.95
Termination Exam	3,185	1.70	287	1.63	370	2.05	431	2.10	356	1.82	329	1.63	271	1.48	275	1.69	332	1.82	256	1.27	278	1.49
Pre-Deployment Exam	3,118	1.66	428	2.42	344	1.91	535	2.61	385	1.97	162	0.80	183	1.00	150	0.92	237	1.30	521	2.59	173	0.92
Post-Deployment Exam	1,558	0.83	140	0.79	102	0.57	247	1.21	87	0.44	67	0.33	92	0.50	80	0.49	89	0.49	266	1.32	388	2.07
Accession Exam	1,073	0.57	118	0.67	286	1.58	140	0.68	104	0.53	76	0.38	89	0.48	121	0.74	59	0.32	40	0.20	40	0.21
Other Exam	813	0.43	-	-	-	-	-	-	-	-	-	-	-	-	135	0.83	251	1.37	220	1.09	207	1.11
Physical Exam, Abbreviated Separation	418	0.22	-	-	-	-	1	0.005	61	0.31	77	0.38	40	0.22	53	0.33	95	0.52	51	0.25	40	0.21
Post Deployment Health Reassessment	260	0.14	-	-	-	-	-	-	-	-	2	0.01	1	0.01	2	0.01	17	0.09	76	0.38	162	0.87
Pre-Deployment Assessment	134	0.07	-	-	-	-	-	-	-	-	4	0.02	4	0.02	5	0.03	4	0.02	54	0.27	63	0.34
GWOT/Wounded Warrior Exam	117	0.06	-	-	-	-	-	-	-	-	13	0.06	103	0.56	1	0.01	-	-	-	-	-	-
Initial Post-Deployment Assessment	53	0.03	-	-	-	-	-	-	-	-	2	0.01	1	0.01	1	0.01	-	-	20	0.10	29	0.16
During Deployment Exam	27	0.01	2	0.01	7	0.04	2	0.01	2	0.01	1	0.005	4	0.02	1	0.01	2	0.01	3	0.01	3	0.02
Physical Readiness Test (PRT) Evaluation	9	0.00	-	-	-	-	-	-	-	-	-	-	1	0.01	4	0.02	2	0.01	1	0.00	1	0.01

Table 28. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Mobility Command (AMC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	266,052	100.00	21,860	100.00	25,738	100.00	23,932	100.00	27,085	100.00	24,249	100.00	21,201	100.00	25,085	100.00	37,356	100.00	28,914	100.00	30,632	100.00
Periodic Prevention Exam	82,269	30.92	4,023	18.40	5,492	21.34	5,213	21.78	4,616	17.04	3,986	16.44	4,920	23.21	9,722	38.76	20,441	54.72	11,312	39.12	12,544	40.95
Aviation Exam	77,301	29.05	4,602	21.05	8,063	31.33	10,606	44.32	9,792	36.15	8,163	33.66	7,637	36.02	6,748	26.90	6,743	18.05	7,395	25.58	7,552	24.65
Occupational Exam	34,127	12.83	2,441	11.17	2,927	11.37	3,236	13.52	5,149	19.01	3,693	15.23	2,964	13.98	2,842	11.33	3,220	8.62	3,704	12.81	3,951	12.90
Fitness For Duty Exam	14,862	5.59	1,244	5.69	2,390	9.29	1,670	6.98	2,449	9.04	2,330	9.61	1,751	8.26	1,461	5.82	978	2.62	243	0.84	346	1.13
Health Exam	13,471	5.06	7,627	34.89	4,439	17.25	493	2.06	251	0.93	201	0.83	54	0.25	98	0.39	108	0.29	48	0.17	152	0.50
Armed Forces Exam	12,795	4.81	832	3.81	978	3.80	252	1.05	527	1.95	2,168	8.94	575	2.71	742	2.96	2,073	5.55	2,691	9.31	1,957	6.39
Pre-Deployment Exam	11,968	4.50	145	0.66	287	1.12	480	2.01	2,547	9.40	1,491	6.15	1,106	5.22	1,535	6.12	2,043	5.47	1,070	3.70	1,264	4.13
Termination Exam	5,104	1.92	388	1.77	718	2.79	842	3.52	667	2.46	625	2.58	498	2.35	410	1.63	336	0.90	283	0.98	337	1.10
Post-Deployment Exam	4,236	1.59	281	1.29	174	0.68	708	2.96	677	2.50	386	1.59	175	0.83	332	1.32	549	1.47	325	1.12	629	2.05
Pre-Deployment Assessment	3,988	1.50	-	-	-	-	-	-	-	-	727	3.00	861	4.06	509	2.03	559	1.50	690	2.39	642	2.10
Other Exam	1,855	0.70	-	-	-	-	-	-	-	-	-	-	4	0.02	124	0.49	105	0.28	974	3.37	648	2.12
Accession Exam	1,609	0.60	245	1.12	259	1.01	413	1.73	242	0.89	135	0.56	106	0.50	114	0.45	51	0.14	26	0.09	18	0.06
Initial Post-Deployment Assessment	864	0.32	-	-	-	-	-	-	-	-	136	0.56	276	1.30	304	1.21	49	0.13	26	0.09	73	0.24
Post Deployment Health Reassessment	741	0.28	-	-	-	-	-	-	-	-	60	0.25	45	0.21	57	0.23	57	0.15	76	0.26	446	1.46
Physical Exam, Abbreviated Separation	572	0.22	-	-	-	-	4	0.02	119	0.44	109	0.45	122	0.58	82	0.33	39	0.10	37	0.13	60	0.20
GWOT/Wounded Warrior Exam	146	0.05	-	-	-	-	-	-	-	-	28	0.12	104	0.49	1	0.004	-	-	2	0.01	11	0.04
During Deployment Exam	128	0.05	32	0.15	11	0.04	15	0.06	49	0.18	4	0.02	2	0.01	2	0.01	2	0.01	9	0.03	2	0.01
Physical Readiness Test (PRT) Evaluation	16	0.01	-	-	-	-	-	-	-	-	7	0.03	1	0.005	2	0.01	3	0.01	3	0.01	-	-

Table 29. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Combat Command (ACC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
ICD-9 with V70.5 DoD Extender	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	283,435	100.00	18,393	100.00	20,610	100.00	21,900	100.00	20,948	100.00	24,154	100.00	24,358	100.00	32,279	100.00	32,543	100.00	44,580	100.00	43,670	100.00
Periodic Prevention Exam	95,976	33.86	6,359	34.57	9,248	44.87	8,004	36.55	5,534	26.42	6,234	25.81	5,331	21.89	11,339	35.13	12,761	39.21	16,379	36.74	14,787	33.86
Aviation Exam	78,118	27.56	2,958	16.08	4,354	21.13	5,783	26.41	7,459	35.61	8,012	33.17	8,936	36.69	10,231	31.70	10,016	30.78	10,396	23.32	9,973	22.84
Occupational Exam	60,475	21.34	1,367	7.43	1,725	8.37	3,585	16.37	4,678	22.33	7,247	30.00	7,116	29.21	6,734	20.86	6,957	21.38	11,097	24.89	9,969	22.83
Health Exam	9,867	3.48	3,655	19.87	1,582	7.68	1,436	6.56	1,218	5.81	790	3.27	719	2.95	310	0.96	30	0.09	82	0.18	45	0.10
Fitness For Duty Exam	7,708	2.72	2,210	12.02	2,007	9.74	1,272	5.81	336	1.60	218	0.90	264	1.08	592	1.83	367	1.13	187	0.42	255	0.58
Pre-Deployment Exam	5,574	1.97	158	0.86	361	1.75	183	0.84	238	1.14	291	1.20	393	1.61	1,319	4.09	668	2.05	1,048	2.35	915	2.10
Other Exam	4,507	1.59	-	-	-	-	-	-	-	-	-	-	8	0.03	274	0.85	284	0.87	1,421	3.19	2,520	5.77
Post-Deployment Exam	4,237	1.49	774	4.21	247	1.20	510	2.33	541	2.58	279	1.16	240	0.99	384	1.19	321	0.99	327	0.73	614	1.41
Termination Exam	4,023	1.42	338	1.84	494	2.40	525	2.40	414	1.98	381	1.58	317	1.30	334	1.03	369	1.13	392	0.88	459	1.05
Armed Forces Exam	3,609	1.27	391	2.13	417	2.02	261	1.19	344	1.64	403	1.67	413	1.70	145	0.45	307	0.94	462	1.04	466	1.07
Pre-Deployment Assessment	3,107	1.10	-	-	-	-	-	-	-	-	5	0.02	3	0.01	65	0.20	81	0.25	1,335	2.99	1,618	3.71
Post Deployment Health Reassessment	2,643	0.93	-	-	-	-	-	-	-	-	20	0.08	64	0.26	78	0.24	55	0.17	981	2.20	1,445	3.31
Accession Exam	1,368	0.48	179	0.97	172	0.83	338	1.54	132	0.63	100	0.41	93	0.38	149	0.46	63	0.19	51	0.11	91	0.21
Initial Post-Deployment Assessment	1,237	0.44	-	-	-	-	-	-	-	-	27	0.11	169	0.69	193	0.60	127	0.39	318	0.71	403	0.92
Physical Exam, Abbreviated Separation	731	0.26	-	-	-	-	3	0.01	46	0.22	88	0.36	143	0.59	126	0.39	127	0.39	99	0.22	99	0.23
GWOT/Wounded Warrior Exam	203	0.07	-	-	-	-	-	-	-	-	52	0.22	146	0.60	-	-	4	0.01	-	-	1	0.002
During Deployment Exam	34	0.01	4	0.02	3	0.01	-	-	8	0.04	2	0.01	2	0.01	4	0.01	2	0.01	3	0.01	6	0.01
Physical Readiness Test (PRT) Evaluation	18	0.01	-	-	-	-	-	-	-	-	5	0.02	1	0.004	2	0.01	4	0.01	2	0.004	4	0.01

Table 30. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Pacific Air Forces (PACAF), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	111,262	100.00	8,324	100.00	8,330	100.00	10,442	100.00	13,493	100.00	12,430	100.00	11,851	100.00	12,872	100.00	11,829	100.00	10,077	100.00	11,614	100.00
Occupational Exam	36,661	32.95	849	10.20	805	9.66	3,093	29.62	5,765	42.73	4,552	36.62	4,552	38.41	5,449	42.33	5,168	43.69	2,864	28.42	3,564	30.69
Aviation Exam	32,412	29.13	2,219	26.66	2,319	27.84	2,668	25.55	3,450	25.57	3,513	28.26	3,985	33.63	3,757	29.19	3,508	29.66	3,595	35.68	3,398	29.26
Periodic Prevention Exam	22,149	19.91	2,554	30.68	2,127	25.53	2,188	20.95	2,400	17.79	2,684	21.59	1,868	15.76	2,352	18.27	2,082	17.60	1,900	18.85	1,994	17.17
Health Exam	3,988	3.58	1,199	14.40	1,177	14.13	826	7.91	454	3.36	79	0.64	98	0.83	68	0.53	37	0.31	19	0.19	31	0.27
Fitness For Duty Exam	3,286	2.95	577	6.93	993	11.92	603	5.77	173	1.28	284	2.28	165	1.39	174	1.35	64	0.54	75	0.74	178	1.53
Armed Forces Exam	2,928	2.63	384	4.61	449	5.39	280	2.68	213	1.58	343	2.76	278	2.35	119	0.92	261	2.21	266	2.64	335	2.88
Post-Deployment Exam	2,358	2.12	146	1.75	58	0.70	211	2.02	691	5.12	242	1.95	182	1.54	144	1.12	125	1.06	193	1.92	366	3.15
Termination Exam	1,994	1.79	191	2.29	245	2.94	239	2.29	185	1.37	219	1.76	208	1.76	158	1.23	209	1.77	188	1.87	152	1.31
Pre-Deployment Exam	1,926	1.73	75	0.90	82	0.98	244	2.34	103	0.76	104	0.84	157	1.32	224	1.74	117	0.99	378	3.75	442	3.81
Other Exam	1,122	1.01	-	-	-	-	-	-	-	-	-	-	2	0.02	113	0.88	94	0.79	311	3.09	602	5.18
Accession Exam	743	0.67	128	1.54	73	0.88	75	0.72	38	0.28	77	0.62	88	0.74	103	0.80	72	0.61	57	0.57	32	0.28
Post Deployment Health Reassessment	545	0.49	-	-	-	-	-	-	-	-	47	0.38	58	0.49	58	0.45	18	0.15	83	0.82	281	2.42
Physical Exam, Abbreviated Separation	354	0.32	-	-	-	-	5	0.05	13	0.10	51	0.41	37	0.31	75	0.58	54	0.46	41	0.41	78	0.67
Initial Post-Deployment Assessment	284	0.26	-	-	-	-	-	-	-	-	133	1.07	38	0.32	12	0.09	8	0.07	54	0.54	39	0.34
Pre-Deployment Assessment	221	0.20	-	-	-	-	-	-	7	0.05	44	0.35	11	0.09	20	0.16	5	0.04	42	0.42	92	0.79
GWOT/Wounded Warrior Exam	151	0.14	-	-	-	-	-	-	-	-	45	0.36	106	0.89	-	-	-	-	-	-	-	-
Physical Readiness Test (PRT) Evaluation	106	0.10	-	-	-	-	-	-	-	-	8	0.06	17	0.14	45	0.35	6	0.05	6	0.06	24	0.21
During Deployment Exam	34	0.03	2	0.02	2	0.02	10	0.10	1	0.01	5	0.04	1	0.01	1	0.01	1	0.01	5	0.05	6	0.05

Table 31. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Force Materiel Command (AFMC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	156,218	100.00	11,360	100.00	10,901	100.00	11,936	100.00	15,993	100.00	14,665	100.00	12,674	100.00	13,234	100.00	21,311	100.00	22,051	100.00	22,093	100.00
Aviation Exam	62,168	39.80	3,807	33.51	4,961	45.51	6,039	50.59	8,353	52.23	6,714	45.78	6,430	50.73	7,073	53.45	6,557	30.77	6,398	29.01	5,836	26.42
Periodic Prevention Exam	42,479	27.19	2,636	23.20	1,887	17.31	2,080	17.43	2,806	17.55	3,573	24.36	2,279	17.98	2,284	17.26	8,221	38.58	8,326	37.76	8,387	37.96
Occupational Exam	16,973	10.86	806	7.10	945	8.67	1,301	10.90	2,265	14.16	2,103	14.34	1,762	13.90	1,124	8.49	2,827	13.27	1,974	8.95	1,866	8.45
Fitness For Duty Exam	7,139	4.57	524	4.61	654	6.00	930	7.79	1,167	7.30	490	3.34	255	2.01	493	3.73	633	2.97	1,009	4.58	984	4.45
Pre-Deployment Exam	4,934	3.16	52	0.46	76	0.70	68	0.57	87	0.54	131	0.89	313	2.47	732	5.53	1,208	5.67	1,580	7.17	687	3.11
Termination Exam	4,606	2.95	398	3.50	643	5.90	659	5.52	476	2.98	499	3.40	380	3.00	314	2.37	398	1.87	460	2.09	379	1.72
Health Exam	3,856	2.47	2,311	20.34	1,014	9.30	136	1.14	52	0.33	50	0.34	106	0.84	50	0.38	55	0.26	50	0.23	32	0.14
Armed Forces Exam	3,749	2.40	307	2.70	430	3.94	425	3.56	474	2.96	607	4.14	444	3.50	186	1.41	249	1.17	235	1.07	392	1.77
Post-Deployment Exam	3,623	2.32	420	3.70	115	1.05	145	1.21	80	0.50	55	0.38	329	2.60	188	1.42	500	2.35	404	1.83	1,387	6.28
Accession Exam	1,741	1.11	98	0.86	176	1.61	145	1.21	150	0.94	128	0.87	197	1.55	294	2.22	239	1.12	161	0.73	153	0.69
Pre-Deployment Assessment	1,583	1.01	-	-	-	-	-	-	-	-	82	0.56	1	0.01	149	1.13	147	0.69	437	1.98	767	3.47
Post Deployment Heath Reassessment	1,301	0.83	-	-	-	-	-	-	-	-	1	0.01	29	0.23	84	0.63	143	0.67	544	2.47	500	2.26
Initial Post-Deployment Assessment	788	0.50	-	-	-	-	-	-	-	-	90	0.61	5	0.04	90	0.68	38	0.18	283	1.28	282	1.28
Other Exam	548	0.35	-	-	-	-	-	-	-	-	-	-	8	0.06	121	0.91	64	0.30	133	0.60	222	1.00
Physical Exam, Abbreviated Separation	466	0.30	-	-	-	-	6	0.05	82	0.51	124	0.85	78	0.62	46	0.35	25	0.12	45	0.20	60	0.27
Physical Readiness Test (Prt) Evaluation	177	0.11	-	-	-	-	-	-	-	-	3	0.02	1	0.01	2	0.02	3	0.01	12	0.05	156	0.71
GWOT/Wounded Warrior Exam	65	0.04	-	-	-	-	-	-	-	-	11	0.08	54	0.43	-	-	-	-	-	-	-	-
During Deployment Exam	22	0.01	1	0.01	-	-	2	0.02	1	0.01	4	0.03	3	0.02	4	0.03	4	0.02	-	-	3	0.01

Table 32. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Force Global Strike Command (AFGSC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	116,161	100.00	8,815	100.00	9,882	100.00	11,120	100.00	8,103	100.00	6,642	100.00	6,072	100.00	7,640	100.00	12,694	100.00	24,561	100.00	20,632	100.00
Fitness For Duty Exam	36,370	31.31	1,581	17.94	3,325	33.65	2,764	24.86	894	11.03	678	10.21	1,014	16.70	1,752	22.93	3,577	28.18	10,617	43.23	10,168	49.28
Periodic Prevention Exam	31,520	27.13	2,770	31.42	2,649	26.81	2,914	26.21	1,366	16.86	1,839	27.69	1,603	26.40	1,749	22.89	4,369	34.42	7,814	31.81	4,447	21.55
Aviation Exam	16,957	14.60	276	3.13	678	6.86	1,968	17.70	2,427	29.95	1,677	25.25	1,701	28.01	2,045	26.77	2,056	16.20	2,162	8.80	1,967	9.53
Occupational Exam	15,978	13.76	1,319	14.96	987	9.99	1,852	16.65	2,397	29.58	1,745	26.27	1,404	23.12	1,646	21.54	1,658	13.06	1,692	6.89	1,278	6.19
Health Exam	4,256	3.66	1,787	20.27	1,487	15.05	266	2.39	315	3.89	49	0.74	1	0.02	4	0.05	36	0.28	88	0.36	223	1.08
Termination Exam	3,374	2.90	190	2.16	381	3.86	479	4.31	187	2.31	180	2.71	123	2.03	138	1.81	334	2.63	609	2.48	753	3.65
Armed Forces Exam	2,266	1.95	345	3.91	237	2.40	290	2.61	154	1.90	150	2.26	78	1.28	38	0.50	146	1.15	437	1.78	391	1.90
Pre-Deployment Exam	1,805	1.55	385	4.37	50	0.51	83	0.75	203	2.51	150	2.26	32	0.53	117	1.53	277	2.18	359	1.46	149	0.72
Post-Deployment Exam	1,592	1.37	141	1.60	73	0.74	421	3.79	53	0.65	31	0.47	43	0.71	77	1.01	159	1.25	268	1.09	326	1.58
Accession Exam	447	0.38	15	0.17	15	0.15	82	0.74	91	1.12	92	1.39	32	0.53	24	0.31	9	0.07	28	0.11	59	0.29
Pre-Deployment Assessment	406	0.35	-	-	-	-	-	-	-	-	1	0.02	-	-	-	-	1	0.01	131	0.53	273	1.32
Other Exam	401	0.35	-	-	-	-	-	-	-	-	-	-	-	-	19	0.25	36	0.28	124	0.50	222	1.08
Post Deployment Heath Reassessment	331	0.28	-	-	-	-	-	-	-	-	1	0.02	-	-	8	0.10	9	0.07	108	0.44	205	0.99
Physical Exam, Abbreviated Separation	226	0.19	-	-	-	-	1	0.01	15	0.19	37	0.56	22	0.36	19	0.25	17	0.13	47	0.19	68	0.33
Initial Post-Deployment Assessment	168	0.14	-	-	-	-	-	-	-	-	3	0.05	2	0.03	3	0.04	7	0.06	61	0.25	92	0.45
Physical Readiness Test (PRT) Evaluation	27	0.02	-	-	-	-	-	-	-	-	-	-	1	0.02	1	0.01	1	0.01	14	0.06	10	0.05

GWOT/Wounded Warrior Exam	24	0.02	-	-	-	-	-	-	-	8	0.12	15	0.25	-	-	-	-	-	1	0.005
During Deployment Exam	13	0.01	6	0.07	-	-	-	-	1	0.01	1	0.02	1	0.02	-	-	2	0.02	2	0.01

Table 33. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at US Air Force in Europe (USAFE), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	65,088	100.00	5,527	100.00	5,558	100.00	5997	100.00	8,406	100.00	7,222	100.00	5,744	100.00	6,200	100.00	5,601	100.00	7,003	100.00	7,830	100.00
Aviation Exam	23,797	36.56	1,214	21.96	2,104	37.86	2,359	39.34	3,058	36.38	2,880	39.88	2,211	38.49	2,562	41.32	2,632	46.99	2,249	32.11	2,528	32.29
Periodic Prevention Exam	15,454	23.74	2,056	37.20	1,435	25.82	1,612	26.88	1,826	21.72	1,278	17.70	1,349	23.49	1,156	18.65	959	17.12	1,719	24.55	2,064	26.36
Occupational Exam	13,185	20.26	224	4.05	305	5.49	1,107	18.46	2,725	32.42	2,354	32.59	1,387	24.15	1,473	23.76	1,313	23.44	1,138	16.25	1,159	14.80
Health Exam	2,522	3.87	1,169	21.15	719	12.94	284	4.74	130	1.55	50	0.69	28	0.49	78	1.26	21	0.37	18	0.26	25	0.32
Armed Forces Exam	2,363	3.63	80	1.45	98	1.76	114	1.90	160	1.90	227	3.14	235	4.09	216	3.48	317	5.66	449	6.41	467	5.96
Fitness For Duty Exam	2,260	3.47	516	9.34	665	11.96	283	4.72	134	1.59	70	0.97	175	3.05	274	4.42	31	0.55	43	0.61	69	0.88
Termination Exam	1,163	1.79	26	0.47	107	1.93	135	2.25	151	1.80	183	2.53	83	1.44	61	0.98	86	1.54	148	2.11	183	2.34
Other Exam	1,092	1.68	-	-	-	-	-	-	-	-	-	-	6	0.10	76	1.23	40	0.71	589	8.41	381	4.87
Pre-Deployment Exam	872	1.34	26	0.47	48	0.86	32	0.53	109	1.30	35	0.48	122	2.12	49	0.79	56	1.00	229	3.27	166	2.12
Post-Deployment Exam	858	1.32	202	3.65	56	1.01	43	0.72	92	1.09	33	0.46	45	0.78	44	0.71	39	0.70	79	1.13	225	2.87
Accession Exam	614	0.94	3	0.05	16	0.29	27	0.45	11	0.13	50	0.69	38	0.66	180	2.90	88	1.57	95	1.36	106	1.35
Pre-Deployment Assessment	279	0.43	-	-	-	-	-	-	-	-	-	-	-	3	0.05	-	-	79	1.13	197	2.52	
Post Deployment Heath Reassessment	249	0.38	-	-	-	-	-	-	-	-	1	0.01	2	0.03	2	0.03	4	0.07	71	1.01	169	2.16
Initial Post-Deployment Assessment	162	0.25	-	-	-	-	-	-	-	-	1	0.01	1	0.02	-	-	1	0.02	80	1.14	79	1.01
Physical Exam, Abbreviated Separation	112	0.17	-	-	-	-	1	0.02	5	0.06	21	0.29	23	0.40	23	0.37	13	0.23	16	0.23	10	0.13
GWOT/Wounded Warrior Exam	74	0.11	-	-	-	-	-	-	-	-	38	0.53	35	0.61	1	0.02	-	-	-	-	-	-
During Deployment Exam	26	0.04	11	0.20	5	0.09	-	-	5	0.06	1	0.01	1	0.02	-	-	1	0.02	-	-	2	0.03
Physical Readiness Test (PRT) Evaluation	6	0.01	-	-	-	-	-	-	-	-	-	-	3	0.05	2	0.03	-	-	1	0.01	-	-

Table 34. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Force Space Command (AFSC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	63,691	100.00	5,289	100.00	6,184	100.00	6,428	100.00	7,473	100.00	6,317	100.00	6,311	100.00	7,175	100.00	6,644	100.00	6,268	100.00	5,602	100.00
Periodic Prevention Exam	25,135	39.46	2,845	53.79	3,712	60.03	2,937	45.69	2,783	37.24	2,205	34.91	1,671	26.48	1,990	27.74	2,847	42.85	2,607	41.59	1,538	27.45
Aviation Exam	15,716	24.68	571	10.80	838	13.55	1,234	19.20	2,043	27.34	1,670	26.44	2,305	36.52	2,477	34.52	1,605	24.16	1,300	20.74	1,673	29.86
Occupational Exam	10,429	16.37	621	11.74	601	9.72	1,163	18.09	879	11.76	930	14.72	970	15.37	1,096	15.28	1,351	20.33	1,338	21.35	1,480	26.42
Fitness For Duty Exam	3,029	4.76	174	3.29	168	2.72	84	1.31	513	6.86	406	6.43	398	6.31	706	9.84	271	4.08	194	3.10	115	2.05
Armed Forces Exam	2,279	3.58	514	9.72	218	3.53	213	3.31	357	4.78	247	3.91	93	1.47	60	0.84	171	2.57	214	3.41	192	3.43
Termination Exam	2,131	3.35	82	1.55	298	4.82	357	5.55	307	4.11	323	5.11	251	3.98	146	2.03	114	1.72	148	2.36	105	1.87
Post-Deployment Exam	1,146	1.80	197	3.72	59	0.95	123	1.91	160	2.14	123	1.95	152	2.41	136	1.90	70	1.05	48	0.77	78	1.39
Health Exam	986	1.55	229	4.33	158	2.55	109	1.70	94	1.26	117	1.85	101	1.60	157	2.19	5	0.08	7	0.11	9	0.16
Pre-Deployment Exam	906	1.42	22	0.42	80	1.29	146	2.27	127	1.70	65	1.03	97	1.54	118	1.64	44	0.66	80	1.28	127	2.27
Other Exam	531	0.83	-	-	-	-	-	-	-	-	-	-	2	0.03	136	1.90	48	0.72	203	3.24	142	2.53
Accession Exam	521	0.82	34	0.64	52	0.84	57	0.89	133	1.78	83	1.31	37	0.59	56	0.78	22	0.33	25	0.40	22	0.39
Physical Exam, Abbreviated Separation	350	0.55	-	-	-	-	3	0.05	77	1.03	104	1.65	25	0.40	42	0.59	54	0.81	29	0.46	16	0.29
Post Deployment Heath Reassessment	268	0.42	-	-	-	-	-	-	-	-	26	0.41	83	1.32	53	0.74	26	0.39	42	0.67	38	0.68

GWOT/Wounded Warrior Exam	111	0.17	-	-	-	-	-	-	-	8	0.13	102	1.62	-	-	1	0.02	-	-	-	-
Initial Post-Deployment Assessment	89	0.14	-	-	-	-	-	-	-	8	0.13	18	0.29	2	0.03	10	0.15	18	0.29	33	0.59
Pre-Deployment Assessment	48	0.08	-	-	-	-	-	-	-	1	0.02	2	0.03	-	-	4	0.06	13	0.21	28	0.50
Physical Readiness Test (PRT) Evaluation	11	0.02	-	-	-	-	-	-	-	1	0.02	3	0.05	-	-	-	-	2	0.03	5	0.09
During Deployment Exam	5	0.01	-	-	-	-	2	0.03	-	-	-	1	0.02	-	-	1	0.02	-	-	1	0.02

Table 35. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Force District Washington (AFDW), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	42,974	100.00	4,071	100.00	4,205	100.00	4,229	100.00	3,751	100.00	3,477	100.00	3,408	100.00	4,631	100.00	5,453	100.00	5,132	100.00	4,617	100.00
Aviation Exam	18,878	43.93	1,254	30.80	1,478	35.15	1,928	45.59	2,287	60.97	1,546	44.46	1,104	32.39	2,401	51.85	2,421	44.40	2,323	45.27	2,136	46.26
Periodic Prevention Exam	6,733	15.67	569	13.98	679	16.15	868	20.52	293	7.81	715	20.56	778	22.83	608	13.13	439	8.05	551	10.74	1,233	26.71
Occupational Exam	6,105	14.21	130	3.19	75	1.78	166	3.93	224	5.97	199	5.72	258	7.57	1,235	26.67	2,160	39.61	1,292	25.18	366	7.93
Armed Forces Exam	3,694	8.60	430	10.56	502	11.94	62	1.47	437	11.65	790	22.72	1,034	30.34	112	2.42	75	1.38	131	2.55	121	2.62
Fitness For Duty Exam	2,520	5.86	351	8.62	971	23.09	700	16.55	248	6.61	24	0.69	44	1.29	33	0.71	7	0.13	39	0.76	103	2.23
Health Exam	1,591	3.70	1,143	28.08	241	5.73	103	2.44	50	1.33	13	0.37	10	0.29	11	0.24	14	0.26	4	0.08	2	0.04
Termination Exam	916	2.13	70	1.72	116	2.76	203	4.80	107	2.85	66	1.90	50	1.47	48	1.04	65	1.19	73	1.42	118	2.56
Pre-Deployment Exam	857	1.99	34	0.84	48	1.14	159	3.76	54	1.44	62	1.78	54	1.58	69	1.49	117	2.15	135	2.63	125	2.71
Post-Deployment Exam	498	1.16	28	0.69	52	1.24	15	0.35	16	0.43	29	0.83	30	0.88	34	0.73	25	0.46	70	1.36	199	4.31
Other Exam	298	0.69	-	-	-	-	-	-	-	-	-	-	2	0.06	35	0.76	35	0.64	147	2.86	79	1.71
Post Deployment Heath Reassessment	298	0.69	-	-	-	-	-	-	-	-	2	0.06	2	0.06	2	0.04	41	0.75	216	4.21	35	0.76
Accession Exam	191	0.44	50	1.23	42	1.00	24	0.57	18	0.48	12	0.35	3	0.09	5	0.11	9	0.17	11	0.21	17	0.37
Physical Exam, Abbreviated Separation	163	0.38	-	-	-	-	-	-	17	0.45	9	0.26	19	0.56	32	0.69	29	0.53	36	0.70	21	0.45
Pre-Deployment Assessment	140	0.33	-	-	-	-	-	-	-	-	2	0.06	1	0.03	1	0.02	9	0.17	84	1.64	43	0.93
Initial Post-Deployment Assessment	44	0.10	-	-	-	-	-	-	-	-	1	0.03	1	0.03	2	0.04	5	0.09	18	0.35	17	0.37
During Deployment Exam	22	0.05	12	0.29	1	0.02	1	0.02	-	-	3	0.09	2	0.06	2	0.04	1	0.02	-	-	-	-
GWOT/Wounded Warrior Exam	21	0.05	-	-	-	-	-	-	-	-	2	0.06	16	0.47	1	0.02	-	-	2	0.04	-	-
Physical Readiness Test (PRT) Evaluation	5	0.01	-	-	-	-	-	-	-	-	2	0.06	-	0.00	-	-	1	0.02	-	-	2	0.04

Table 36. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at Air Force Special Operations Command (AFSOC), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	52,770	100.00	4,267	100.00	3,150	100.00	3,515	100.00	3,810	100.00	4,252	100.00	3,804	100.00	3,686	100.00	10,610	100.00	9,562	100.00	6,114	100.00
Aviation Exam	21,196	40.17	1,572	36.84	1,601	50.83	1,803	51.29	2,111	55.41	2,357	55.43	2,332	61.30	1,867	50.65	2,615	24.65	2,419	25.30	2,519	41.20
Periodic Prevention Exam	12,435	23.56	849	19.90	775	24.60	313	8.90	258	6.77	237	5.57	477	12.54	1,216	32.99	5,700	53.72	1,430	14.96	1,180	19.30
Occupational Exam	4,802	9.10	257	6.02	51	1.62	450	12.80	806	21.15	792	18.63	589	15.48	294	7.98	342	3.22	442	4.62	779	12.74
Pre-Deployment Assessment	2,592	4.91	-	-	-	-	-	-	-	-	1	0.02	-	-	-	-	448	4.22	1,380	14.43	763	12.48
Other Exam	2,100	3.98	-	-	-	-	-	-	-	-	-	-	1	0.03	24	0.65	50	0.47	1,972	20.62	53	0.87
Pre-Deployment Exam	1,773	3.36	74	1.73	165	5.24	71	2.02	125	3.28	315	7.41	130	3.42	51	1.38	484	4.56	201	2.10	157	2.57
Initial Post-Deployment Assessment	1,762	3.34	-	-	-	-	-	-	-	-	25	0.59	1	0.03	6	0.16	397	3.74	1,074	11.23	259	4.24
Post-Deployment Exam	1,523	2.89	572	13.41	88	2.79	151	4.30	55	1.44	247	5.81	62	1.63	36	0.98	255	2.40	38	0.40	19	0.31
Health Exam	1,141	2.16	409	9.59	75	2.38	321	9.13	165	4.33	20	0.47	72	1.89	14	0.38	19	0.18	33	0.35	13	0.21
Termination Exam	1,101	2.09	76	1.78	99	3.14	97	2.76	107	2.81	126	2.96	69	1.81	88	2.39	136	1.28	151	1.58	152	2.49
Fitness For Duty Exam	1,009	1.91	328	7.69	203	6.44	180	5.12	65	1.71	60	1.41	17	0.45	51	1.38	38	0.36	48	0.50	19	0.31
Armed Forces Exam	677	1.28	43	1.01	56	1.78	103	2.93	75	1.97	20	0.47	23	0.60	15	0.41	68	0.64	190	1.99	84	1.37

Accession Exam	309	0.59	86	2.02	37	1.17	18	0.51	36	0.94	18	0.42	2	0.05	12	0.33	32	0.30	47	0.49	21	0.34
Post Deployment Heath Reassessment	214	0.41	-	-	-	-	-	-	-	-	7	0.16	1	0.03	5	0.14	14	0.13	131	1.37	56	0.92
Physical Exam, Abbreviated Separation	100	0.19	-	-	-	-	-	-	5	0.13	24	0.56	10	0.26	5	0.14	11	0.10	6	0.06	39	0.64
GWOT/Wounded Warrior Exam	20	0.04	-	-	-	-	-	-	-	-	2	0.05	17	0.45	1	0.03	-	-	-	-	-	-
During Deployment Exam	13	0.02	1	0.02	-	-	8	0.23	2	0.05	1	0.02	-	-	-	-	1	0.01	-	-	-	-
Physical Readiness Test (PRT) Evaluation	3	0.01	-	-	-	-	-	-	-	-	-	-	1	0.03	1	0.03	-	-	-	-	1	0.02

Table 37. Encounters with an ICD-9 primary diagnosis of V70.5 DoD Extender at US Air Force Academy (USAFA), 2003-2012.

	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
DoD Extender Encounters	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Overall	22,346	100.00	1,767	100.00	2,477	100.00	4,401	100.00	2,149	100.00	1,210	100.00	1,579	100.00	1,380	100.00	1,479	100.00	2,942	100.00	2,962	100.00
Aviation Exam	10,682	47.80	385	21.79	1,386	55.95	3,821	86.82	1,481	68.92	571	47.19	568	35.97	893	64.71	388	26.23	343	11.66	846	28.56
Armed Forces Exam	3,960	17.72	132	7.47	1	0.04	12	0.27	86	4.00	447	36.94	620	39.27	13	0.94	385	26.03	1,901	64.62	363	12.26
Periodic Prevention Exam	2,586	11.57	422	23.88	519	20.95	50	1.14	25	1.16	35	2.89	187	11.84	218	15.80	317	21.43	453	15.40	360	12.15
Accession Exam	1,572	7.03	87	4.92	76	3.07	6	0.14	2	0.09	20	1.65	64	4.05	109	7.90	124	8.38	32	1.09	1,052	35.52
Health Exam	1,475	6.60	511	28.92	215	8.68	252	5.73	458	21.31	5	0.41	21	1.33	5	0.36	2	0.14	-	-	6	0.20
Occupational Exam	755	3.38	61	3.45	42	1.70	65	1.48	58	2.70	78	6.45	58	3.67	61	4.42	89	6.02	87	2.96	156	5.27
Fitness For Duty Exam	642	2.87	144	8.15	213	8.60	160	3.64	23	1.07	20	1.65	15	0.95	21	1.52	11	0.74	15	0.51	20	0.68
Termination Exam	196	0.88	7	0.40	21	0.85	18	0.41	9	0.42	18	1.49	8	0.51	18	1.30	23	1.56	29	0.99	45	1.52
Pre-Deployment Exam	160	0.72	16	0.91	-	-	17	0.39	4	0.19	6	0.50	25	1.58	15	1.09	31	2.10	21	0.71	25	0.84
Other Exam	152	0.68	-	-	-	-	-	-	-	-	-	-	1	0.06	12	0.87	92	6.22	21	0.71	26	0.88
Post-Deployment Exam	87	0.39	1	0.06	2	0.08	-	-	2	0.09	2	0.17	3	0.19	7	0.51	8	0.54	28	0.95	34	1.15
Physical Exam, Abbreviated Separation	31	0.14	-	-	-	-	-	-	1	0.05	7	0.58	2	0.13	8	0.58	2	0.14	3	0.10	8	0.27
Post Deployment Heath Reassessment	21	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.34	8	0.27	8	0.27
Initial Post-Deployment Assessment	9	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.14	-	-	7	0.24
GWOT/Wounded Warrior Exam	8	0.04	-	-	-	-	-	-	-	-	1	0.08	7	0.44	-	-	-	-	-	-	-	-
During Deployment Exam	5	0.02	1	0.06	2	0.08	-	-	-	-	-	-	-	-	-	-	-	-	1	0.03	1	0.03
Pre-Deployment Assessment	5	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.17

Table 38. Flight and Operational Medicine Clinic encounters with a primary diagnosis of an ICD-9 V70.5 with DoD extender, top five by Major Command, 2003-2012.

Major Command*																					
ACC		AETC		AFDW		AFGSC		AFMC		AFSOC		AFSPC		AMC		PACAF		USAFA		USAFE	
Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n	Exam Type	% n
Periodic Prev	33.86% 95,976	Aviation	59.20% 111,116	Aviation	43.93% 18,878	Fitness For Duty	31.31% 36,370	Aviation	39.80% 62,168	Aviation	40.17% 21,196	Periodic Prev	39.46% 25,135	Periodic Prev	30.92% 82,269	Occ	32.95% 36,661	Aviation	47.80% 10,682	Aviation	36.56% 23,797
Aviation	27.56% 78,118	Occ	12.61% 23,667	Periodic Prev	15.67% 6,733	Periodic Prev	27.13% 31,520	Periodic Prev	27.19% 42,479	Periodic Prev	23.56% 12,435	Aviation	24.68% 15,716	Aviation	29.05% 77,301	Aviation	29.13% 32,412	Armed Forces	17.72% 3,960	Periodic Prev	23.74% 15,454
Occ	21.34% 60,475	Periodic Prev	12.50% 23,461	Occ	14.21% 6,105	Aviation	14.60% 16,957	Occ	10.86% 16,973	Occ	9.10% 4,802	Occ	16.37% 10,429	Occ	12.83% 34,127	Periodic Prev	19.91% 22,149	Periodic Prev	11.57% 2,586	Occ	20.26% 13,185
Health	3.48% 9,867	Armed Forces	4.76% 8,943	Armed Forces	8.60% 3,694	Occ	13.76% 15,978	Fitness For Duty	4.57% 7,139	Pre-Deploy Assess	4.91% 2,592	Fitness For Duty	4.76% 3,029	Fitness For Duty	5.59% 14,862	Health	3.58% 3,988	Access	7.03% 1,572	Health	3.87% 2,522
Fitness For Duty	2.72% 7,708	Health	3.33% 6,252	Fitness For Duty	5.86% 2,520	Health	3.66% 4,256	Pre-Deploy	3.16% 4,934	Other	3.98% 2,100	Armed Forces	3.58% 2,279	Health	5.06% 13,471	Fitness For Duty	2.95% 3,286	Health	6.60% 1,475	Armed Forces	3.63% 2,363

Note. Full names of possible exams: Aviation Exam; Periodic Prevention Exam; Occupational Exam; Health Exam; Armed Forces Exam; Fitness For Duty Exam; Termination Exam; Other Exam; Pre-Deployment Exam; Post-Deployment Exam; Accession Exam; Pre-Deployment Assessment; Post Deployment Health Reassessment ((PDHRA); Initial Post-Deployment Assessment; Physical Exam, Abbreviated Separation; GWOT/Wounded Warrior Exam; During Deployment Exam; Physical Readiness Test (PRT) Evaluation

*ACC=Air Combat Command; AETC=Air Education and Training Command; AFDW=Air Force District Washington; AFGSC=Air Force Global Strike Command; AFMC=Air Force Materiel Command; AFSOC=Air Force Special Operations Command; AFSPC=Air Force Space Command; AMC=Air Mobility Command; PACAF=Pacific Air Forces; USAFA=US Air Force Academy; USAFE=Air Force in Europe; USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 39. Average utilization of patients accessing health care services at US Air Force Flight and Operational Medicine Clinics, 2003-2012.

Demographic	Overall		Annual Encounters
	n	%	Median (IQR)
Overall	1,809,965	100.00	2 (1-3)
Patient Population			
US Service Members	1,381,794	76.34	2 (1-4)
Dependents	331,325	18.31	2 (1-3)
Other	96,846	5.35	1 (1-1)
Age			
<18	99,053	5.47	1 (1-2)
18-25	669,471	36.99	1 (1-3)
26-30	265,441	14.67	2 (1-4)
31-40	470,292	25.98	2 (1-4)
41-64	300,558	16.61	1 (1-3)
65+	4,153	0.23	1 (1-2)
Unknown	997	0.06	1 (1-2)
Gender			
Male	1,344,989	74.31	2 (1-3)
Female	464,927	25.69	2 (1-3)
Unknown	49	0.00	1 (1-1)
Sponsor Rank			
E1-E3	259,080	14.31	1 (1-3)
E4-E6	535,913	29.61	1 (1-3)
E7-E9	120,982	6.68	1 (1-3)
W1-W3	2,770	0.15	1 (1-2)
W4-W5	1,435	0.08	2 (1-3)
Cadet	35,696	1.97	2 (1-3)
O1-O3	236,014	13.04	3 (1-5)
O4-O6+	179,757	9.93	2 (1-4)
Unknown	438,318	24.22	1 (1-3)
Sponsor Service			
USAF	1,589,745	87.83	2 (1-4)
USA	67,519	3.73	1 (1-2)
USN/USMC	61,270	3.39	1 (1-3)
Other	90,992	5.03	1 (1-1)
Unknown	439	0.02	1 (1-1)
MAJCOM			
AFMC	197,948	10.94	1 (1-3)
AMC	330,492	18.26	1 (1-3)
ACC	333,226	18.41	1 (1-3)
AFGSC	112,724	6.23	2 (1-4)
AETC	285,804	15.79	2 (1-4)
USAF A	51,237	2.83	2 (1-4)
AFSPC	84,355	4.66	2 (1-3)
USAFE	108,141	5.97	2 (1-3)
PACAF	183,529	10.14	1 (1-3)
AFDW	65,003	3.59	2 (1-4)
AFSOC	57,506	3.18	2 (1-4)

Note. The denominator for this table is the number of unique patients seen during each calendar year. Patient demographic information is assigned from the first encounter that year, but all encounters are counted, e.g., if you had 5 encounters in 2006, we selected your demographic information from the first encounter in 2005 and your count for that year was 5.

*ACC=Air Combat Command; AETC=Air Education and Training Command; AFDW=Air Force District Washington; AFGSC=Air Force Global Strike Command; AFMC=Air Force Materiel Command; AFSOC=Air Force Special Operations Command; AFSPC=Air Force Space Command; AMC=Air Mobility Command; PACAF=Pacific Air Forces; USAFA=US Air Force Academy; USAFE=Air Force in Europe; USAF= United States Air Force; USA= United States Army; USN= United States Navy; USMC= United States Marine Corps; Other consists of United States Coast Guard, National Oceanic and Atmospheric Administration, and the US Public Health Service.

Table 40. Encounters with a primary diagnosis of ICD-9 V70.5 code with DoD extenders (N=1,367,702).

ICD-9	ICD-9 Code Description with DoD Extender	N	%
V70.5 0	Armed Forces Medical Exam	47,263	3.46
V70.5 1	Aviation Exam	468,341	34.24
V70.5 2	Periodic Prevention Exam	360,197	26.34
V70.5 3	Occupational Exam	223,157	16.32
V70.5 4	Pre-Deployment Exam	12,503	0.91
V70.5 5	During Deployment Exam	329	0.02
V70.5 6	Post-Deployment Exam	21,716	1.59
V70.5 7	Fitness For Duty Exam	82,326	6.02
V70.5 8	Accession Exam	10,188	0.74
V70.5 9	Termination Exam	27,793	2.03
V70.5 A	Health Exam Of Defined Subpopulation*	49,405	3.61
V70.5 B	Physical Exam, Abbreviated Separation	3,523	0.26
V70.5 C	Physical Readiness Test (PRT) Evaluation	378	0.03
V70.5 D	Pre-Deployment Assessment	12,503	0.91
V70.5 E	Initial Post-Deployment Assessment	5,460	0.40
V70.5 F	Post Deployment Health Reassessment	6,871	0.50
V70.5 G	GWOT/Wounded Warrior Exam	940	0.07
V70.5 H	Other Examination Defined Population	13,419	0.98

*ICD-9-CM V70.5 (n=43,623) and V70.5A (n=5,782) were combined as they both refer to *Health Exam of a Defined Subpopulation*.

Appendix

Appendix 1. Flight and Operational Medicine Clinics (FOMC) and their associated major commands (MAJCOM), patients overall and by year.

Installation	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Air Education and Training Command																						
Lackland	45,774	6.41	6,228	3.42	5,619	3.19	5,945	3.34	7,572	4.17	5,851	3.38	4,985	3.07	3,638	2.15	5,172	2.62	5,261	2.71	5,560	2.83
Keesler	18,011	2.52	1,231	0.68	1,003	0.57	845	0.47	1,039	0.57	1,045	0.60	1,061	0.65	3,254	1.93	7,841	3.97	4,864	2.51	4,804	2.45
Luke	12,317	1.72	4,097	2.25	3,889	2.21	3,296	1.85	2,968	1.63	2,828	1.63	2,265	1.40	2,478	1.47	2,278	1.15	1,847	0.95	1,679	0.86
Randolph	10,731	1.50	3,424	1.88	3,537	2.01	3,626	2.04	3,705	2.04	3,291	1.90	2,854	1.76	2,754	1.63	3,066	1.55	1,947	1.00	2,329	1.19
Sheppard	9,708	1.36	3,048	1.67	2,329	1.32	2,166	1.22	2,044	1.13	2,080	1.20	1,995	1.23	2,144	1.27	1,877	0.95	1,611	0.83	1,627	0.83
Columbus	8,583	1.20	2,192	1.20	2,379	1.35	2,217	1.24	2,781	1.53	2,937	1.70	2,650	1.63	2,509	1.49	2,147	1.09	1,783	0.92	1,781	0.91
Maxwell	8,063	1.13	1,146	0.63	1,577	0.90	2,240	1.26	2,288	1.26	1,710	0.99	1,761	1.09	1,942	1.15	2,197	1.11	1,907	0.98	2,124	1.08
Tyndall	7,990	1.12	2,945	1.62	2,672	1.52	2,480	1.39	2,305	1.27	2,144	1.24	1,927	1.19	1,946	1.15	1,696	0.86	1,721	0.89	1,840	0.94
Laughlin	6,700	0.94	2,283	1.25	2,242	1.27	2,046	1.15	2,061	1.14	1,792	1.03	1,658	1.02	1,621	0.96	1,928	0.97	1,940	1.00	1,964	1.00
Vance	5,800	0.81	2,003	1.10	1,990	1.13	1,756	0.99	1,728	0.95	1,731	1.00	1,476	0.91	1,387	0.82	1,522	0.77	1,458	0.75	1,462	0.75
Goodfellow	5,427	0.76	-	-	693	0.39	1,272	0.71	1,471	0.81	1,405	0.81	1,669	1.03	1,321	0.78	1,000	0.51	779	0.40	986	0.50
Altus	4,509	0.63	1,107	0.61	1,030	0.59	1,536	0.86	1,531	0.84	1,406	0.81	1,293	0.80	1,231	0.73	1,160	0.59	1,678	0.87	1,353	0.69
Total	143,613	20.11	29,704	16.31	28,960	16.46	29,425	16.52	31,493	17.35	28,220	16.29	25,594	15.78	26,225	15.53	31,884	16.12	26,796	13.82	27,509	14.02
Air Mobility Command																						
Macdill	25,092	3.51	5,010	2.75	4,717	2.68	4,980	2.80	6,638	3.66	6,658	3.84	6,580	4.06	7,269	4.30	6,839	3.46	5,512	2.84	5,728	2.92
Travis	15,020	2.10	3,168	1.74	3,112	1.77	2,886	1.62	2,897	1.60	2,874	1.66	2,833	1.75	2,658	1.57	5,845	2.96	7,208	3.72	7,379	3.76
Mcguire	14,473	2.03	2,420	1.33	2,464	1.40	2,697	1.51	3,652	2.01	3,295	1.90	2,956	1.82	2,932	1.74	6,255	3.16	3,814	1.97	3,841	1.96
Mcconnell	9,696	1.36	2,076	1.14	2,273	1.29	2,297	1.29	2,609	1.44	2,427	1.40	2,580	1.59	2,603	1.54	3,633	1.84	3,761	1.94	3,778	1.93
Charleston	9,499	1.33	3,056	1.68	2,543	1.45	2,581	1.45	2,285	1.26	3,618	2.09	2,327	1.43	4,120	2.44	3,528	1.78	1,988	1.03	2,147	1.09
Dover	8,997	1.26	3,072	1.69	2,598	1.48	2,129	1.20	2,094	1.15	1,552	0.90	1,723	1.06	2,227	1.32	3,765	1.90	1,530	0.79	1,622	0.83
Scott	8,352	1.17	2,474	1.36	2,754	1.56	2,159	1.21	2,070	1.14	1,887	1.09	1,591	0.98	1,936	1.15	3,852	1.95	2,362	1.22	2,139	1.09
Pope	7,979	1.12	2,406	1.32	2,359	1.34	2,846	1.60	3,936	2.17	3,442	1.99	2,357	1.45	2,179	1.29	2,765	1.40	6	0.00	-	-
Mcchord	6,902	0.97	1,916	1.05	1,984	1.13	2,298	1.29	2,436	1.34	2,275	1.31	2,520	1.55	2,003	1.19	1,860	0.94	1,854	0.96	1,890	0.96
Little Rock	6,514	0.91	2,253	1.24	1,986	1.13	1,966	1.10	2,146	1.18	2,259	1.30	2,343	1.44	2,329	1.38	2,290	1.16	2,210	1.14	2,435	1.24
Fairchild	5,540	0.78	2,059	1.13	2,265	1.29	1,908	1.07	1,534	0.84	1,379	0.80	1,359	0.84	1,397	0.83	1,392	0.70	1,259	0.65	1,281	0.65
Grand Forks	5,048	0.71	2,630	1.44	2,684	1.53	2,002	1.12	1,374	0.76	896	0.52	656	0.40	603	0.36	461	0.23	413	0.21	510	0.26
Total	123,112	17.24	32,540	17.87	31,739	18.04	30,749	17.26	33,671	18.54	32,562	18.80	29,825	18.38	32,256	19.10	42,485	21.48	31,917	16.46	32,750	16.69

Appendix 1 continued. Flight and Operational Medicine Clinics (FOMC) and their associated major commands (MAJCOM), encounters overall and by year.

Installation	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Air Combat Command																						
Nellis	16,747	2.35	4,496	2.47	4,141	2.35	4,122	2.31	4,129	2.27	4,004	2.31	4,384	2.70	4,158	2.46	3,879	1.96	6,988	3.60	5,723	2.92
Langley	15,072	2.11	3,052	1.68	2,696	1.53	2,510	1.41	3,054	1.68	3,199	1.85	3,048	1.88	3,313	1.96	4,319	2.18	7,819	4.03	8,469	4.32
Davis Monthan	14,127	1.98	3,311	1.82	5,464	3.10	5,468	3.07	2,790	1.54	2,832	1.64	3,056	1.88	2,729	1.62	2,940	1.49	2,752	1.42	2,704	1.38
Holloman	9,756	1.37	1,528	0.84	1,862	1.06	2,114	1.19	2,538	1.40	2,769	1.60	2,282	1.41	3,955	2.34	3,054	1.54	3,261	1.68	3,119	1.59
Ellsworth	9,693	1.36	2,040	1.12	1,555	0.88	1,666	0.94	3,436	1.89	3,218	1.86	3,785	2.33	4,166	2.47	4,092	2.07	4,056	2.09	3,216	1.64
Moody	9,302	1.30	2,881	1.58	2,506	1.42	2,237	1.26	2,530	1.39	2,366	1.37	3,134	1.93	3,526	2.09	3,062	1.55	2,789	1.44	2,661	1.36
Offutt	8,890	1.24	2,290	1.26	2,190	1.24	2,271	1.28	2,366	1.30	2,524	1.46	2,538	1.56	2,521	1.49	4,864	2.46	6,403	3.30	6,677	3.40
Shaw	7,540	1.06	2,631	1.44	2,120	1.20	1,747	0.98	1,699	0.94	1,914	1.11	1,514	0.93	1,763	1.04	1,680	0.85	1,717	0.89	1,577	0.80
Dyess	7,451	1.04	2,764	1.52	3,128	1.78	2,778	1.56	2,309	1.27	2,555	1.48	1,936	1.19	2,030	1.20	1,707	0.86	1,570	0.81	1,573	0.80
Mountain Home	6,574	0.92	2,034	1.12	1,855	1.05	1,398	0.78	1,343	0.74	1,167	0.67	1,360	0.84	1,443	0.85	1,318	0.67	1,696	0.87	1,850	0.94
Beale	6,361	0.89	1,460	0.80	1,982	1.13	2,127	1.19	1,711	0.94	1,684	0.97	1,578	0.97	1,633	0.97	1,737	0.88	1,807	0.93	1,979	1.01
Seymour Johnson	6,238	0.87	1,847	1.01	1,673	0.95	1,876	1.05	2,228	1.23	1,801	1.04	1,820	1.12	1,823	1.08	1,559	0.79	1,586	0.82	1,543	0.79
Total	117,751	16.49	30,334	16.65	31,172	17.71	30,314	17.02	30,133	16.60	30,033	17.34	30,435	18.76	33,060	19.58	34,211	17.30	42,444	21.89	41,091	20.94
Pacific Air Forces																						
Elmendorf	15,167	2.12	2,665	1.46	2,665	1.51	4,383	2.46	6,541	3.60	6,140	3.55	3,969	2.45	4,473	2.65	4,514	2.28	2,854	1.47	2,827	1.44
Andersen	10,664	1.49	1,916	1.05	1,851	1.05	1,825	1.02	2,385	1.31	2,644	1.53	3,105	1.91	2,544	1.51	1,910	0.97	1,807	0.93	1,697	0.86
Kunsan	9,249	1.30	1,819	1.00	1,725	0.98	2,405	1.35	2,049	1.13	1,703	0.98	1,538	0.95	2,075	1.23	1,960	0.99	1,487	0.77	1,468	0.75
Misawa	8,375	1.17	903	0.50	1,386	0.79	1,312	0.74	1,662	0.92	2,078	1.20	2,219	1.37	1,693	1.00	1,512	0.76	1,605	0.83	2,763	1.41
Kadena	8,299	1.16	2,566	1.41	2,564	1.46	2,572	1.44	2,686	1.48	2,509	1.45	2,386	1.47	2,351	1.39	2,211	1.12	2,601	1.34	2,653	1.35
Eielson	6,989	0.98	2,231	1.22	1,854	1.05	1,524	0.86	2,221	1.22	1,357	0.78	1,099	0.68	1,024	0.61	938	0.47	967	0.50	946	0.48
Osan	6,837	0.96	2,137	1.17	1,954	1.11	1,999	1.12	1,666	0.92	1,565	0.90	1,401	0.86	1,358	0.80	1,423	0.72	1,428	0.74	1,381	0.70
Hickam	6,768	0.95	1,987	1.09	1,785	1.01	1,952	1.10	2,101	1.16	1,874	1.08	1,923	1.19	1,697	1.00	1,687	0.85	1,561	0.81	1,740	0.89
Yokota	4,066	0.57	1,702	0.93	1,514	0.86	1,324	0.74	1,166	0.64	1,150	0.66	1,016	0.63	950	0.56	942	0.48	914	0.47	888	0.45
Total	76,414	10.70	17,926	9.84	17,298	9.83	19,296	10.83	22,477	12.38	21,020	12.14	18,656	11.50	18,165	10.76	17,097	8.65	15,224	7.85	16,363	8.34
Air Force Material Command																						
Eglin	15,249	2.14	4,065	2.23	3,583	2.04	3,989	2.24	3,704	2.04	3,685	2.13	3,077	1.90	2,832	1.68	3,812	1.93	3,157	1.63	3,110	1.58
Hill	10,789	1.51	3,215	1.77	2,878	1.64	1,872	1.05	1,074	0.59	1,057	0.61	1,138	0.70	1,284	0.76	4,239	2.14	4,497	2.32	4,305	2.19
Edwards	10,650	1.49	2,981	1.64	2,988	1.70	3,390	1.90	3,076	1.69	2,860	1.65	2,311	1.42	2,134	1.26	2,303	1.16	2,495	1.29	2,451	1.25
Tinker	9,785	1.37	3,810	2.09	3,676	2.09	3,348	1.88	3,138	1.73	2,867	1.66	2,592	1.60	2,495	1.48	5,148	2.60	5,311	2.74	5,056	2.58
Wright-Patterson	8,721	1.22	2,028	1.11	1,815	1.03	1,630	0.92	1,305	0.72	1,837	1.06	2,004	1.24	1,963	1.16	1,929	0.98	2,815	1.45	3,368	1.72
Hanscom	6,497	0.91	1,613	0.89	1,038	0.59	1,116	0.63	2,264	1.25	1,676	0.97	754	0.46	712	0.42	565	0.29	406	0.21	433	0.22
Kirtland	5,847	0.82	1,480	0.81	1,999	1.14	1,842	1.03	1,770	0.97	1,539	0.89	2,240	1.38	1,742	1.03	1,920	0.97	2,204	1.14	2,242	1.14
Robins	5,511	0.77	2,088	1.15	2,324	1.32	2,242	1.26	1,869	1.03	1,772	1.02	1,677	1.03	2,017	1.19	2,194	1.11	1,982	1.02	1,709	0.87
Brooks City-Base	1,970	0.28	935	0.51	887	0.50	1,001	0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	75,019	10.50	22,215	12.20	21,188	12.04	20,430	11.47	18,200	10.02	17,293	9.98	15,793	9.73	15,179	8.99	22,110	11.18	22,867	11.80	22,674	11.55

Appendix 1 continued. Flight and Operational Medicine Clinics (FOMC) and their associated major commands (MAJCOM), encounters overall and by year.

Installation	Overall		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Air Force Global Strike Command																						
Whiteman	9,693	1.36	2,661	1.46	2,239	1.27	2,204	1.24	2,002	1.10	2,049	1.18	2,320	1.43	2,046	1.21	2,799	1.42	2,987	1.54	2,882	1.47
F.E. Warren	9,451	1.32	2,420	1.33	2,524	1.43	2,700	1.52	1,834	1.01	1,694	0.98	1,576	0.97	2,582	1.53	3,773	1.91	2,797	1.44	2,553	1.30
Minot	9,393	1.32	3,452	1.90	3,273	1.86	3,246	1.82	1,363	0.75	1,089	0.63	1,062	0.65	1,071	0.63	2,281	1.15	4,163	2.15	3,740	1.91
Barksdale	8,189	1.15	2,072	1.14	2,005	1.14	2,431	1.36	1,936	1.07	1,818	1.05	1,830	1.13	1,564	0.93	1,496	0.76	5,055	2.61	4,295	2.19
Malmstrom	6,579	0.92	2,133	1.17	1,682	0.96	1,721	0.97	1,204	0.66	1,065	0.61	1,089	0.67	1,057	0.63	1,104	0.56	1,745	0.90	2,042	1.04
Total	43,305	6.06	12,738	6.99	11,723	6.66	12,302	6.91	8,339	4.59	7,715	4.45	7,877	4.86	8,320	4.93	11,453	5.79	16,747	8.64	15,512	7.91
US Air Force in Europe																						
Ramstein	14,087	1.97	3,673	2.02	3,625	2.06	4,027	2.26	3,578	1.97	3,440	1.99	3,721	2.29	4,448	2.63	4,443	2.25	4,543	2.34	4,601	2.34
RAF Lakenheath	9,202	1.29	2,786	1.53	2,848	1.62	2,979	1.67	3,170	1.75	2,912	1.68	2,803	1.73	2,712	1.61	2,519	1.27	2,559	1.32	2,998	1.53
Spangdahlem	6,535	0.92	1,663	0.91	1,650	0.94	1,748	0.98	2,962	1.63	2,674	1.54	1,715	1.06	1,665	0.99	1,399	0.71	1,288	0.66	1,291	0.66
Aviano	6,200	0.87	2,134	1.17	1,691	0.96	1,709	0.96	1,758	0.97	1,294	0.75	1,178	0.73	1,130	0.67	1,142	0.58	1,446	0.75	2,300	1.17
Incirlik	3,119	0.44	1,547	0.85	345	0.20	380	0.21	189	0.10	230	0.13	251	0.15	310	0.18	293	0.15	622	0.32	937	0.48
Lajes FLD	815	0.11	815	0.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	39,958	5.60	12,618	6.93	10,159	5.77	10,843	6.09	11,657	6.42	10,550	6.09	9,668	5.96	10,265	6.08	9,796	4.95	10,458	5.39	12,127	6.18
Air Force Space Command																						
Peterson	10,245	1.43	2,991	1.64	2,840	1.61	3,799	2.13	4,233	2.33	3,455	1.99	4,078	2.51	4,138	2.45	2,784	1.41	3,492	1.80	3,187	1.62
Patrick	7,226	1.01	1,959	1.08	1,471	0.84	1,388	0.78	1,242	0.68	1,386	0.80	1,634	1.01	1,582	0.94	1,827	0.92	1,047	0.54	1,153	0.59
Buckley	7,011	0.98	632	0.35	1,968	1.12	1,794	1.01	1,573	0.87	1,060	0.61	671	0.41	908	0.54	1,082	0.55	1,090	0.56	1,621	0.83
Vandenberg	5,953	0.83	1,975	1.08	1,919	1.09	1,824	1.02	1,589	0.88	1,735	1.00	1,571	0.97	1,569	0.93	1,385	0.70	1,446	0.75	1,849	0.94
Los Angeles	3,171	0.44	444	0.24	387	0.22	631	0.35	565	0.31	520	0.30	422	0.26	411	0.24	356	0.18	507	0.26	1,160	0.59
Total	33,606	4.71	8,001	4.39	8,585	4.88	9,436	5.30	9,202	5.07	8,156	4.71	8,376	5.16	8,608	5.10	7,434	3.76	7,582	3.91	8,970	4.57
Air Force District Washington																						
Andrews	16,514	2.31	2,959	1.62	2,399	1.36	2,277	1.28	2,683	1.48	3,510	2.03	4,335	2.67	5,861	3.47	6,920	3.50	6,788	3.50	6,463	3.29
Bolling	8,135	1.14	3,385	1.86	3,327	1.89	2,953	1.66	3,563	1.96	3,541	2.04	1,303	0.80	651	0.39	665	0.34	552	0.28	871	0.44
Total	24,649	3.45	6,344	3.48	5,726	3.25	5,230	2.94	6,246	3.44	7,051	4.07	5,638	3.48	6,512	3.86	7,585	3.84	7,340	3.79	7,334	3.74
Air Force Special Operations Command																						
Hurlburt Field	10,836	1.52	3,650	2.00	3,009	1.71	3,134	1.76	3,442	1.90	3,704	2.14	3,503	2.16	3,464	2.05	5,401	2.73	4,995	2.58	3,990	2.03
Cannon	7,723	1.08	1,813	1.00	2,105	1.20	1,854	1.04	1,740	0.96	1,661	0.96	1,751	1.08	1,251	0.74	2,768	1.40	1,961	1.01	2,309	1.18
Total	18,559	2.60	5,463	3.00	5,114	2.91	4,988	2.80	5,182	2.85	5,365	3.10	5,254	3.24	4,715	2.79	8,169	4.13	6,956	3.59	6,299	3.21
US Air Force Academy																						
USAF Academy	18,171	2.54	4,255	2.34	4,319	2.45	5,104	2.87	4,966	2.74	5,231	3.02	5,124	3.16	5,577	3.30	5,523	2.79	5,538	2.86	5,598	2.85

Appendix 2. Enlisted Air Force Specialty Codes (AFSC) by career areas.

Career Area	AFSC	N*	%
Logistics	2A - Aerospace Maintenance	65,447	59.94
	2W - Munitions and Weapons	16,697	15.29
	2T - Transportation and Vehicle Management	11,841	10.84
	2S - Material Management	6,240	5.72
	2F - Fuels	4,053	3.71
	2M - Missile Maintenance	2,571	2.35
	2R - Maintenance Management	1,228	1.12
	2G - Logistics Plans	575	0.53
	2P - Precision Measurement	534	0.49
Support	3P - Security Forces	29,080	44.72
	3E - Civil Engineering	19,098	29.37
	3D - Cyberspace Support	7,053	10.85
	3S - Mission Support	5,174	7.96
	3M - Services	3,392	5.22
	3N - Public Affairs	1,178	1.81
	3H - Historian	55	0.08
Operations	1C - Command and Control Systems Operations	12,817	33.76
	1A - Aircrew Operations	10,914	28.75
	1N - Intelligence	7,781	20.50
	1T - Aircrew Protection	3,346	8.81
	1W - Weather	1,997	5.26
	1P - Aircrew Flight Equipment	811	2.14
	1S - Safety	242	0.64
	1U - Remotely Piloted Aircraft Sensor Operator	42	0.11
	1B - Cyberspace	13	0.03
Other	9 - Reporting Identifiers	28,559	83.44
	8 - Special Duty Identifiers	5,061	14.79
	7S - Special Investigations	605	1.77
Medical	4N - Aerospace Medical Service	8,221	40.10
	4A - Health Services Management	3,814	18.60
	4Y - Dental	1,957	9.55
	4E - Public Health	1,399	6.82
	4B - Bio Environmental Engineering	1,025	5.00
	4T - Histopathology	881	4.30
	4P - Pharmacy	626	3.05
	4R - Diagnostic Imaging	596	2.91
	4C - Mental Health Service	446	2.18
	4H - Cardiopulmonary Laboratory	428	2.09
	4V - Ophthalmic	315	1.54
	4M - Aerospace and Operational Physiology	311	1.52
	4D - Diet Therapy	276	1.35
	4J - Physical Medicine	205	1.00
Acquisition	6F - Financial	1,910	70.22
	6C - Contracting	810	29.78
Professional	5J - Paralegal	661	64.80
	5R - Chaplain Assistant	359	35.20

*The overall count is based on the number of unique patients over the study period; a person is counted once when they first enter the cohort.

Appendix 3. Officer Air Force Specialty Codes (AFSC) by career areas.

Career Area	AFSC	N*	%
Operations	11 - Pilot	15,577	51.77
	13 - Space, Missile, C2	5,091	16.92
	12 - Combat Systems	4,631	15.39
	14 - Intelligence	2,440	8.11
	16 - Operations Support	1,224	4.07
	15 - Weather	471	1.57
	10 - Operations Commander	343	1.14
	17 - Cyber Operations	314	1.04
Medical	46 - Nurse	3,686	36.54
	44 - Physician	1,432	14.20
	43 - Biomedical Specialists	1,162	11.52
	41 - Health Services	948	9.40
	42 - Biomedical Clinician	891	8.83
	47 - Dental	682	6.76
	48 - Aerospace Medicine/Flight Surgeons	648	6.42
	45 - Surgery	529	5.24
	40 - Medical Commander	109	1.08
Logistics	21 - Logistics	2,991	93.85
	20 - Logistics Commander	196	6.15
Acquisition	62 - Developmental Engineer	2,061	39.03
	63 - Acquisition	1,629	30.85
	64 - Contracting	570	10.79
	65 - Finance	496	9.39
	61 - Scientific /Research	489	9.26
	60 - Program Director	36	0.68
Support	32 - Civil Engineer	989	43.04
	31 - Security Forces	690	30.03
	35 - Public Affairs	339	14.75
	30 - Support Commander	280	12.18
Professional	51 - Law	1,144	63.13
	52 - Chaplin	668	36.87
Other	71 - Special Investigations	272	100.00

The overall count is based on the number of unique patients over the study period; a person is counted once when they first enter the cohort.